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**In your requests please include the following reference number 78EE117C99-1753485057**

## Contents

- 1.1 dropwizard-validation 1.3.29**
  - 1.1.1 Available under license
- 1.2 apache-commons-text 1.10.0**
  - 1.2.1 Available under license
- 1.3 javax-annotation-api 1.2**
  - 1.3.1 Available under license
- 1.4 simpleclient\_tracer\_common 0.16.0**
  - 1.4.1 Available under license
- 1.5 netty-resolver 4.1.92.Final**
  - 1.5.1 Available under license
- 1.6 jackson-xc 2.9.8**
  - 1.6.1 Available under license
- 1.7 jline-reader 3.22.0**
  - 1.7.1 Available under license
- 1.8 zjsonpatch 0.3.0**
  - 1.8.1 Available under license
- 1.9 python-certifi 2019.11.28-1**
  - 1.9.1 Available under license
- 1.10 python-requests 2.26.0**
  - 1.10.1 Available under license
- 1.11 urllib3 1.25.8**
  - 1.11.1 Available under license
- 1.12 properties 1.8.4**
  - 1.12.1 Available under license
- 1.13 scala-collection-compat\_2.13 2.10.0**
  - 1.13.1 Available under license

## **1.14 pep517 0.12.0**

1.14.1 Available under license

## **1.15 google-uuid 1.0.0**

1.15.1 Available under license

## **1.16 groupcache 0.0.0-20200121045136-8c9f03a8e57e**

1.16.1 Available under license

## **1.17 sqlx 1.3.5**

1.17.1 Available under license

## **1.18 eapache-go-xerial-snappy 0.0.0-20180814174437-776d5712da21**

1.18.1 Available under license

## **1.19 jersey-apache-connector 2.25.1**

## **1.20 kr-text 0.1.0**

1.20.1 Available under license

## **1.21 servlet-api 4.0.FR**

1.21.1 Available under license

## **1.22 prometheus-client 0.3.0**

1.22.1 Available under license

## **1.23 tomcat-util-scan 9.0.75**

1.23.1 Available under license

## **1.24 kube-openapi 0.0.0-20221012153701-172d655c2280**

1.24.1 Available under license

## **1.25 simpleclient 0.9.0**

1.25.1 Available under license

## **1.26 lcms 2.14**

1.26.1 Available under license

## **1.27 hk2-utils 2.5.0-b32**

1.27.1 Available under license

## **1.28 spf13-pflag 1.0.5**

1.28.1 Available under license

## **1.29 pkix-ssh 13.5**

1.29.1 Available under license

## **1.30 jetty-servlets 9.4.51.v20230217**

1.30.1 Available under license

## **1.31 etcd-raft 0.5.0-alpha.5.0.20220915004622-85b640cee793**

1.31.1 Available under license

## **1.32 libsepol 3.0-1ubuntu0.1**

1.32.1 Available under license

## **1.33 python-certifi 2019.11.28**

1.33.1 Available under license



- 1.34 xpp 1.1.3.3**
  - 1.34.1 Notifications
  - 1.34.2 Available under license
- 1.35 gopkg.in-yaml 3.0.1**
  - 1.35.1 Available under license
- 1.36 lz4 1.2.12**
  - 1.36.1 Available under license
- 1.37 xstrings 1.3.3**
  - 1.37.1 Available under license
- 1.38 gojsonpointer 0.0.0-20180127040702-4e3ac2762d5f**
  - 1.38.1 Available under license
- 1.39 simpleclient-servlet 0.9.0**
  - 1.39.1 Available under license
- 1.40 progress 1.5**
  - 1.40.1 Available under license
- 1.41 httpcomponents-client 4.3.2**
  - 1.41.1 Available under license
- 1.42 slf4j 1.7.26**
  - 1.42.1 Available under license
- 1.43 slf4j 1.7.30**
  - 1.43.1 Available under license
- 1.44 jmx-prometheus-javaagent 0.18.0**
  - 1.44.1 Available under license
- 1.45 thrift 0.13.0**
  - 1.45.1 Available under license
- 1.46 x-text 0.8.0**
  - 1.46.1 Available under license
- 1.47 wheel 0.40.0**
  - 1.47.1 Available under license
- 1.48 jetty-util 9.4.49.v20220914**
  - 1.48.1 Available under license
- 1.49 leveledb 0.12**
  - 1.49.1 Available under license
- 1.50 jcl-over-slf4j 1.7.30**
  - 1.50.1 Available under license
- 1.51 ipaddr 2.2.0**
  - 1.51.1 Available under license
- 1.52 ishidawataru-sctp 0.0.0-20191218070446-00ab2ac2db07**
  - 1.52.1 Available under license

### **1.53 httpcomponents-core 4.3.2**

1.53.1 Available under license

### **1.54 apiextensions-apiserver 0.26.0**

1.54.1 Available under license

### **1.55 chardet 3.0.4**

1.55.1 Available under license

### **1.56 golang-snappy 0.0.3**

1.56.1 Available under license

### **1.57 nghttp2 1.40.0-1ubuntu0.1**

1.57.1 Available under license

### **1.58 json-c 0.13.1+dfsg-7ubuntu0.3**

1.58.1 Available under license

### **1.59 docker 20.10.21+incompatible**

1.59.1 Available under license

### **1.60 jline-remote-ssh 3.22.0**

1.60.1 Available under license

### **1.61 yusufpapurcu-wmi 1.2.3**

1.61.1 Available under license

### **1.62 zlib 1.2.11**

1.62.1 Available under license

### **1.63 base-passwd 3.5.47**

1.63.1 Available under license

### **1.64 modern-go-concurrent 0.0.0-20180306012644-bacd9c7ef1dd**

1.64.1 Available under license

### **1.65 prometheus-common 0.29.0**

1.65.1 Available under license

### **1.66 jakarta-annotation-api 1.3.4**

1.66.1 Available under license

### **1.67 hk2-utils 2.5.0**

### **1.68 jinja2 3.0.3**

1.68.1 Available under license

### **1.69 commons-logging 1.2**

1.69.1 Available under license

### **1.70 kubernetes-client 0.0.0**

1.70.1 Available under license

### **1.71 xauth 1.1-0ubuntu1**

1.71.1 Available under license

### **1.72 hcl 1.0.0**

1.72.1 Available under license

- 1.73 iproute 5.5.0-1ubuntu1**
  - 1.73.1 Available under license
- 1.74 jetty-security 9.4.35.v20201120**
  - 1.74.1 Available under license
- 1.75 grpc-ecosystem-go-grpc-middleware 1.2.0**
  - 1.75.1 Available under license
- 1.76 go-openapi-swag 0.19.14**
  - 1.76.1 Available under license
- 1.77 hashicorp-uuid 1.0.2**
  - 1.77.1 Available under license
- 1.78 go-runewidth 0.0.9**
  - 1.78.1 Available under license
- 1.79 commons-compress 1.21**
  - 1.79.1 Available under license
- 1.80 logback-access 1.2.3**
  - 1.80.1 Available under license
- 1.81 prometheus-procfs 0.5.0**
  - 1.81.1 Available under license
- 1.82 tcpdump 4.9.3-4ubuntu0.2**
  - 1.82.1 Available under license
- 1.83 ishidawataru-sctp 0.0.0-20210707070123-9a39160e9062**
  - 1.83.1 Available under license
- 1.84 xz 5.2.4-1ubuntu1.1**
  - 1.84.1 Available under license
- 1.85 jmx\_prometheus\_javaagent\_common 0.18.0**
  - 1.85.1 Available under license
- 1.86 pkg-sftp 1.13.4**
  - 1.86.1 Available under license
- 1.87 easyjson 0.7.6**
  - 1.87.1 Available under license
- 1.88 jetty-client 9.4.51.v20230217**
  - 1.88.1 Available under license
- 1.89 mitchellh-go-wordwrap 1.0.0**
  - 1.89.1 Available under license
- 1.90 jersey-bean-validation 2.25.1**
  - 1.90.1 Available under license
- 1.91 go-connections 0.4.0**
  - 1.91.1 Available under license
- 1.92 jackson-datatype-jsr310 2.14.2**

- 1.92.1 Available under license
- 1.93 tomcat-coyote 9.0.75**
  - 1.93.1 Available under license
- 1.94 aec 1.0.0**
  - 1.94.1 Available under license
- 1.95 go-runewidth 0.0.2**
  - 1.95.1 Available under license
- 1.96 assertions 0.0.0-20180927180507-b2de0cb4f26d**
  - 1.96.1 Available under license
- 1.97 man-pages 5.05-1**
  - 1.97.1 Available under license
- 1.98 gojsonschema 1.2.0**
  - 1.98.1 Available under license
- 1.99 audit 2.8.5-2ubuntu6**
  - 1.99.1 Available under license
- 1.100 gregjones-httpcache 0.0.0-20180305231024-9cad4c3443a7**
  - 1.100.1 Available under license
- 1.101 reload4j 1.2.25**
  - 1.101.1 Available under license
- 1.102 grpc-go 1.30.0**
  - 1.102.1 Available under license
- 1.103 importlib-metadata 4.11.1**
  - 1.103.1 Available under license
- 1.104 pflag 1.0.1**
  - 1.104.1 Available under license
- 1.105 x-time-rate 0.0.0-20220210224613-90d013bbcef8**
  - 1.105.1 Available under license
- 1.106 afero 1.6.0**
  - 1.106.1 Available under license
- 1.107 python-pip 21.3.1**
  - 1.107.1 Available under license
- 1.108 activation-api 1.2.2**
  - 1.108.1 Available under license
- 1.109 logr 1.2.3**
  - 1.109.1 Available under license
- 1.110 apr-util 1.6.1-4ubuntu2.1**
  - 1.110.1 Available under license
- 1.111 kubernetes-client-api 6.5.1**
  - 1.111.1 Available under license

**1.112 scala 2.13.10.v20221008-124105-VFINAL-4905801**

1.112.1 Available under license

**1.113 packaging 21.0**

1.113.1 Available under license

**1.114 ucf 3.0038+nmu1**

1.114.1 Available under license

**1.115 logback-json-classic 0.1.5**

1.115.1 Available under license

**1.116 gopacket 1.1.19**

1.116.1 Available under license

**1.117 jetty 9.4.35.v20201120**

1.117.1 Available under license

**1.118 slf4j-impl 1.7.36**

1.118.1 Available under license

**1.119 bind 9.16.1-0ubuntu2.15**

1.119.1 Available under license

**1.120 netty-transport-classes-epoll 4.1.86.Final**

1.120.1 Available under license

**1.121 javax-inject 2.5.0-b32**

1.121.1 Available under license

**1.122 logback-core 1.2.3**

1.122.1 Available under license

**1.123 jctools-core 3.1.0**

1.123.1 Available under license

**1.124 tzdata 2023c-0ubuntu0.20.04.2**

1.124.1 Available under license

**1.125 kube-openapi 0.0.0-20220803162953-67bda5d908f1**

1.125.1 Available under license

**1.126 netty-transport-native-epoll 4.1.86.Final**

1.126.1 Available under license

**1.127 glob 0.2.3**

1.127.1 Available under license

**1.128 jersey-client 2.39.1**

1.128.1 Available under license

**1.129 gorilla 1.7.3**

1.129.1 Available under license

**1.130 six 1.14.0-2**

1.130.1 Available under license

**1.131 libnss-nis 2.31**

- 1.131.1 Available under license
- 1.132 xxhash 2.1.2**
  - 1.132.1 Available under license
- 1.133 jackson-jaxrs 2.13.5**
  - 1.133.1 Available under license
- 1.134 term 0.0.0-20221205130635-1aeaba878587**
  - 1.134.1 Available under license
- 1.135 go-sysconf 0.3.5**
  - 1.135.1 Available under license
- 1.136 libogg 1.3.4-0ubuntu1**
  - 1.136.1 Available under license
- 1.137 sed 4.7-1**
  - 1.137.1 Available under license
- 1.138 pkg-sftp 1.10.1**
  - 1.138.1 Available under license
- 1.139 x-net 0.7.0**
  - 1.139.1 Available under license
- 1.140 glycerine-goconvey 0.0.0-20190410193231-58a59202ab31**
  - 1.140.1 Available under license
- 1.141 stateless4j 2.5.0**
  - 1.141.1 Available under license
- 1.142 smartystreets-goconvey 1.6.4**
  - 1.142.1 Available under license
- 1.143 libxdmcp 1.1.3-0ubuntu1**
  - 1.143.1 Available under license
- 1.144 tdb 1.4.5-0ubuntu0.20.04.1**
  - 1.144.1 Available under license
- 1.145 jcmtturner-rpc 1.1.0**
  - 1.145.1 Available under license
- 1.146 sarama 1.29.1**
  - 1.146.1 Available under license
- 1.147 collector 0.18.0**
  - 1.147.1 Available under license
- 1.148 cidranger 1.0.2**
  - 1.148.1 Available under license
- 1.149 giflib 5.2.1**
  - 1.149.1 Available under license
- 1.150 hk2-locator 2.5.0-b32**
  - 1.150.1 Available under license

### **1.151 msgpack 1.0.2**

1.151.1 Available under license

### **1.152 dom 1.0**

1.152.1 Available under license

### **1.153 kubernetes-client 6.5.1**

1.153.1 Available under license

### **1.154 systemd 245.4-4ubuntu3.22**

1.154.1 Available under license

### **1.155 jersey-container-servlet-core 2.25.1**

1.155.1 Available under license

### **1.156 libcap 2.32-1**

1.156.1 Available under license

### **1.157 diskv 2.0.1+incompatible**

1.157.1 Available under license

### **1.158 json-iterator-go 1.1.12**

1.158.1 Available under license

### **1.159 pythonurllib 1.25.8-2ubuntu0.2**

1.159.1 Available under license

### **1.160 coreos-bbolt 1.3.6**

1.160.1 Available under license

### **1.161 lithammer-dedent 1.1.0**

1.161.1 Available under license

### **1.162 simpleclient-common 0.16.0**

1.162.1 Available under license

### **1.163 valyala-fastrand 1.1.0**

1.163.1 Available under license

### **1.164 mpdecimal 2.4.2-3**

1.164.1 Available under license

### **1.165 go-errors-errors 1.0.1**

1.165.1 Available under license

### **1.166 openssh 9.1**

1.166.1 Available under license

### **1.167 go-ldap-ldap 3.3.0**

1.167.1 Available under license

### **1.168 commons-codec 1.6**

1.168.1 Available under license

### **1.169 jopt-simple 5.0.4**

### **1.170 term 0.0.0-20210619224110-3f7ff695adc6**

1.170.1 Available under license

- 1.171 commons-lang3 3.11**
  - 1.171.1 Available under license
- 1.172 libxext 1.3.4-0ubuntu1**
  - 1.172.1 Available under license
- 1.173 gopkg.in-asn1-ber 1.0.0-20181015200546-f715ec2f112d**
  - 1.173.1 Available under license
- 1.174 python-requests 2.22.0-2ubuntu1.1**
  - 1.174.1 Available under license
- 1.175 simpleclient-hotspot 0.16.0**
  - 1.175.1 Available under license
- 1.176 capnslog 0.0.0-20160727233714-3ac0863d7acf**
  - 1.176.1 Available under license
- 1.177 go-autorest-tracing 0.6.0**
  - 1.177.1 Available under license
- 1.178 libcap 2.32-1ubuntu0.1**
  - 1.178.1 Available under license
- 1.179 dpkg 1.19.7ubuntu3.2**
  - 1.179.1 Available under license
- 1.180 logrus 1.9.0**
  - 1.180.1 Available under license
- 1.181 go-ping-ping 0.0.0-20210506233800-ff8be3320020**
  - 1.181.1 Available under license
- 1.182 wget 1.20.3-1ubuntu2**
  - 1.182.1 Available under license
- 1.183 objenesis 3.2**
  - 1.183.1 Available under license
- 1.184 dropwizard-assets 1.3.29**
  - 1.184.1 Available under license
- 1.185 kubernetes-apiserver 0.26.0**
  - 1.185.1 Available under license
- 1.186 victoriametrics-metrics 1.17.3**
  - 1.186.1 Available under license
- 1.187 ghodss-yaml 1.0.0**
  - 1.187.1 Available under license
- 1.188 telnetd-x 2.1.1**
  - 1.188.1 Available under license
- 1.189 x-crypto 0.5.0**
  - 1.189.1 Available under license
- 1.190 commons-daemon 1.3.3**



- 1.190.1 Available under license
- 1.191 logback-jackson 0.1.5**
  - 1.191.1 Available under license
- 1.192 netns 0.0.0-20210104183010-2eb08e3e575f**
  - 1.192.1 Available under license
- 1.193 contextlib2 0.6.0**
  - 1.193.1 Available under license
- 1.194 jose4j 0.9.3**
  - 1.194.1 Available under license
- 1.195 go-openapi-jsonpointer 0.19.5**
  - 1.195.1 Available under license
- 1.196 commons-pool 2.11.1**
  - 1.196.1 Available under license
- 1.197 jackson-datatype-joda 2.9.10**
  - 1.197.1 Available under license
- 1.198 nmclain-asn1-ber 0.0.0-20170104154839-2661553a0484**
  - 1.198.1 Available under license
- 1.199 jackson-databind 2.14.2**
  - 1.199.1 Available under license
- 1.200 reload4j 2.17.1**
  - 1.200.1 Available under license
- 1.201 configparser 5.2.0**
  - 1.201.1 Available under license
- 1.202 osrg-gobgp 2.19.0+incompatible**
  - 1.202.1 Available under license
- 1.203 pyasn1-modules 0.2.8**
  - 1.203.1 Available under license
- 1.204 jackson-xc 2.9.10**
  - 1.204.1 Available under license
- 1.205 prometheus-common 0.18.0**
  - 1.205.1 Available under license
- 1.206 tenacity 7.0.0**
  - 1.206.1 Available under license
- 1.207 logrus 1.7.0**
  - 1.207.1 Available under license
- 1.208 cyrus-sasl 2.1.27+dfsg-2ubuntu0.1**
  - 1.208.1 Available under license
- 1.209 pcre 10.34-7ubuntu0.1**
  - 1.209.1 Available under license

### **1.210 glibc 2.27-3ubuntu1**

1.210.1 Available under license

### **1.211 simpleclient 0.6.0**

1.211.1 Available under license

### **1.212 pyvmomi 7.0.3**

1.212.1 Available under license

### **1.213 pkg-sftp 1.13.2**

1.213.1 Available under license

### **1.214 jersey-media-jaxb 2.25.1**

1.214.1 Available under license

### **1.215 bash 5.0-6ubuntu1.2**

1.215.1 Available under license

### **1.216 readline 8.0**

1.216.1 Available under license

### **1.217 nmclain-ldap 0.0.0-20191021200707-3b3b69a7e9e3**

1.217.1 Available under license

### **1.218 simpleclient\_tracer\_otel 0.16.0**

1.218.1 Available under license

### **1.219 libsmi 0.4.8**

1.219.1 Available under license

### **1.220 visual-studio-runtime 14.00.24210.0**

1.220.1 Available under license

### **1.221 zap 1.18.1**

1.221.1 Available under license

### **1.222 go-autorest-adal 0.9.20**

1.222.1 Available under license

### **1.223 prometheus 0.26.0**

1.223.1 Available under license

### **1.224 cast 1.3.0**

1.224.1 Available under license

### **1.225 fsnotify 1.4.7**

1.225.1 Available under license

### **1.226 linux-atm 2.5.1-4**

1.226.1 Available under license

### **1.227 x-net 0.8.0**

1.227.1 Available under license

### **1.228 protobuf 1.28.0**

1.228.1 Available under license

### **1.229 pyyaml 6.0**

- 1.229.1 Available under license
- 1.230 dropwizard-request-logging 1.3.29**
- 1.230.1 Available under license
- 1.231 masterminds-semver 3.2.0**
- 1.231.1 Available under license
- 1.232 bzip2 1.0.8**
- 1.233 metrics 4.1.16**
- 1.233.1 Available under license
- 1.234 commons-lang3 2.6**
- 1.234.1 Available under license
- 1.235 apache-log4j 2.17.1**
- 1.235.1 Available under license
- 1.236 jackson-jaxrs-base 2.9.9**
- 1.236.1 Available under license
- 1.237 simpleclient-httpserver 0.16.0**
- 1.237.1 Available under license
- 1.238 python-idna 2.8-1**
- 1.238.1 Available under license
- 1.239 datadog-zstd 1.4.1**
- 1.239.1 Available under license
- 1.240 six 1.14.0**
- 1.240.1 Available under license
- 1.241 dropwizard-lifecycle 1.3.29**
- 1.241.1 Available under license
- 1.242 netty-handler 4.1.86.Final**
- 1.242.1 Available under license
- 1.243 gorilla 1.4.2**
- 1.243.1 Available under license
- 1.244 go-colorable 0.0.9**
- 1.244.1 Available under license
- 1.245 python 3.8.2-0ubuntu2**
- 1.245.1 Available under license
- 1.246 jline-style 3.22.0**
- 1.246.1 Available under license
- 1.247 sqlite 3.31.1-4ubuntu0.5**
- 1.247.1 Available under license
- 1.248 gopherjs 0.0.0-20181017120253-0766667cb4d1**
- 1.248.1 Available under license
- 1.249 ubuntu-keyring 2020.02.11.4**

1.249.1 Available under license  
**1.250 zstd-jni 1.5.2-1**  
1.250.1 Available under license  
**1.251 paranamer 2.8**  
1.251.1 Available under license  
**1.252 lockfile 0.12.2**  
1.252.1 Available under license  
**1.253 vixie-cron 3.0pl1-136ubuntu1**  
1.253.1 Available under license  
**1.254 golang 1.18.10**  
1.254.1 Available under license  
**1.255 javassist 3.27.0-GA**  
1.255.1 Available under license  
**1.256 sudo 1.8.31-1ubuntu1.5**  
1.256.1 Available under license  
**1.257 libbsd 0.10.0-1**  
1.257.1 Available under license  
**1.258 lz4 1.9.3**  
1.258.1 Available under license  
**1.259 swagger-annotations 2.2.0**  
1.259.1 Available under license  
**1.260 libcap-ng 0.7.9-2.1build1**  
1.260.1 Available under license  
**1.261 dropwizard-servlets 1.3.29**  
1.261.1 Available under license  
**1.262 blang-semver 4.0.0**  
1.262.1 Available under license  
**1.263 go-md2man 2.0.2**  
1.263.1 Available under license  
**1.264 x-tools 0.1.12**  
1.264.1 Available under license  
**1.265 tomcat-jdbc 9.0.75**  
1.265.1 Available under license  
**1.266 zap 1.19.0**  
1.266.1 Available under license  
**1.267 go-ole-go-ole 1.2.6**  
1.267.1 Available under license  
**1.268 elfutils 0.176-1.1build1**  
1.268.1 Available under license

- 1.269 pierrec-lz4 2.6.0+incompatible**
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## 1.3 javax-annotation-api 1.2

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## 1.5 netty-resolver 4.1.92.Final

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\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/AddressResolver.java

\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/HostsFileParser.java

```
* /opt/cola/permits/1670233273_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-
jar/io/netty/resolver/InetSocketAddressResolver.java
* /opt/cola/permits/1670233273_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-
jar/io/netty/resolver/HostsFileEntriesResolver.java
* /opt/cola/permits/1670233273_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-
jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /opt/cola/permits/1670233273_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-
jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
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jar/io/netty/resolver/CompositeNameResolver.java
* /opt/cola/permits/1670233273_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-
jar/io/netty/resolver/DefaultNameResolver.java
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jar/io/netty/resolver/NameResolver.java  
\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-  
jar/io/netty/resolver/SimpleNameResolver.java  
\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-  
jar/io/netty/resolver/package-info.java  
\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-  
jar/io/netty/resolver/AddressResolverGroup.java  
\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-  
jar/io/netty/resolver/NoopAddressResolverGroup.java  
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\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-  
jar/io/netty/resolver/ResolvedAddressTypes.java

## 1.6 jackson-xc 2.9.8



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jar/org/jline/reader/impl/ReaderUtils.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-
jar/org/jline/reader/impl/DefaultParser.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-
jar/org/jline/reader/impl/completer/SystemCompleter.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-
jar/org/jline/reader/EndOfFileException.java
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jar/org/jline/reader/CompletionMatcher.java
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```
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-
jar/org/jline/reader/impl/completer/StringsCompleter.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/Editor.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-
jar/org/jline/reader/Candidate.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-
jar/org/jline/reader/impl/completer/ArgumentCompleter.java
```

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\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/Buffer.java  
\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/BufferImpl.java

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\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/keymap/BindingReader.java  
\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/ParsedLine.java  
\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/completer/FileNameCompleter.java  
\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/CompletingParsedLine.java  
\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/History.java  
\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/Completer.java  
\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/MaskingCallback.java

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\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/LineReaderImpl.java

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\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/Parser.java

\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/LineReader.java

\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/Highlighter.java

\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/CompletionMatcherImpl.java

\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/PrintAboveWriter.java

\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/history/DefaultHistory.java

\* /opt/cola/permits/1617269091\_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/DefaultHighlighter.java

## 1.8 zjsonpatch 0.3.0

### 1.8.1 Available under license :

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Found in path(s):

- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/NodeType.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/JsonDiff.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/NoopProcessor.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/ApplyProcessor.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/Constants.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/CompatibilityFlags.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/JsonPatchApplicationException.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/JsonPatchProcessor.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/InvalidJsonPatchException.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/Operation.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/JsonPatch.java
- \* /opt/cola/permits/1257333041\_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/Diff.java

## 1.9 python-certifi 2019.11.28-1

### 1.9.1 Available under license :

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#



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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

# 1.10 python-requests 2.26.0

## 1.10.1 Available under license :

Requests

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# 1.11 urllib3 1.25.8

## 1.11.1 Available under license :

# Contributions to the urllib3 project

## Creator & Maintainer

\* Andrey Petrov <andrey.petrov@shazow.net>

## Contributors

In chronological order:

\* victor.vde <<http://code.google.com/u/victor.vde/>>

\* HTTPS patch (which inspired HTTPSConnectionPool)

\* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>

\* NTLM-authenticated HTTPSConnectionPool

\* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)

\* niphlod <niphlod@gmail.com>

\* Client-verified SSL certificates for HTTPSConnectionPool

\* Response gzip and deflate encoding support

\* Better unicode support for filepost using StringIO buffers

\* btoconnor <brian@btoconnor.net>

\* Non-multipart encoding for POST requests

\* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>

\* Code review, PEP8 compliance, benchmark fix

\* kennethreitz <me@kennethreitz.com>

\* Bugfixes, suggestions, Requests integration

\* georgemarshall <<https://github.com/georgemarshall>>

\* Bugfixes, Improvements and Test coverage

\* Thomas Kluyver <thomas@kluyver.me.uk>

\* Python 3 support

\* brandon-rhodes <<http://rhodesmill.org/brandon>>

\* Design review, bugfixes, test coverage.

\* studer <theo.studer@gmail.com>

\* IPv6 url support and test coverage

- \* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  - \* Support for explicitly closing pooled connections
  
- \* hartator <hartator@gmail.com>
  - \* Corrected multipart behavior for params
  
- \* Thomas Weischuh <thomas@t-8ch.de>
  - \* Support for TLS SNI
  - \* API unification of ssl\_version/cert\_reqs
  - \* SSL fingerprint and alternative hostname verification
  - \* Bugfixes in testsuite
  
- \* Sune Kirkeby <mig@ibofobi.dk>
  - \* Optional SNI-support for Python 2 via PyOpenSSL.
  
- \* Marc Schlaich <marc.schlaich@gmail.com>
  - \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
  - \* Correct six.moves conflict
  - \* Fixed pickle support of some exceptions
  
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
  - \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <<https://lukasa.co.uk/about/>>
  - \* Stream method for Response objects.
  - \* Return native strings in header values.
  - \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
  - \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  - \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  - \* Added HTTPS (CONNECT) proxy support
  
- \* Stephen Holsapple <sholsapp@gmail.com>
  - \* Added abstraction for granular control of request fields
  
- \* Martin von Gagern <Martin.vGagern@gmx.net>
  - \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  - \* Support for separate connect and request timeouts

- \* Peter Waller <p@pwall.net>
- \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
- \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <https://dbrgn.ch/>
- \* Disabled TLS compression by default on Python 3.2+
- \* Disabled TLS compression in pyopenssl contrib module
- \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
- \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <https://github.com/jschneier>
- \* HTTPHeaderDict and associated tests and docs
- \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <http://tahia.tk/>
- \* Added Timeout examples in docs
  
- \* Arthur Grunseid <https://grunseid.com>
- \* source\_address support and tests (with https://github.com/bui)
  
- \* Ian Cordasco <graffatcolmingov@gmail.com>
- \* PEP8 Compliance and Linting
- \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <erik.tollerud@gmail.com>
- \* Support for standard library io module.
  
- \* Krishna Prasad <kprasad.iitd@gmail.com>
- \* Google App Engine documentation
  
- \* Aaron Meurer <asmeurer@gmail.com>
- \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
- \* Bugfixes
  
- \* Benjamin Meyer <bm\_witness@yahoo.com>
- \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <github@sornars.com>
- \* Support for using ConnectionPool and PoolManager as context managers.

- \* Alex Gaynor <alex.gaynor@gmail.com>
- \* Updates to the default SSL configuration
  
- \* Tomas Tomecek <ttomecek@redhat.com>
- \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <https://github.com/tlynn>
- \* Respect the warning preferences at import.
  
- \* David D. Riddle <ddriddle@illinois.edu>
- \* IPv6 bugfixes in testsuite
  
- \* Thea Flowers <magicalgirl@google.com>
- \* App Engine environment tests.
- \* Documentation re-write.
  
- \* John Krauss <https://github.com/talos>
- \* Clues to debugging problems with `cryptography` dependency in docs
  
- \* Disassem <https://github.com/Disassem>
- \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <jlatherfold@hotmail.com>
- \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <https://github.com/chripede>
- \* IPv6 HTTPS proxy bugfix
  
- \* Jordan Moldow <https://github.com/jmoldow>
- \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
- \* Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
- \* Creation of ``HTTPConnectionPool.ResponseCls``.
  
- \* Predrag Gruevski <https://github.com/obi1kenobi>
- \* Made cert digest comparison use a constant-time algorithm.
  
- \* Adam Talsma <https://github.com/a-tal>
- \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <https://evanmeagher.net>
- \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
  
- \* John Vandenberg <jayvdb@gmail.com>
- \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <andy.m.caldwell@googlemail.com>
- \* Bugfix related to reusing connections in indeterminate states.



- \* Ville Skytt <ville.skytta@iki.fi>
- \* Logging efficiency improvements, spelling fixes, Travis config.
  
- \* Shige Takeda <smtakeda@gmail.com>
- \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
  
- \* Jess Shapiro <jesse@jesseshapiro.net>
- \* Various character-encoding fixes/tweaks
- \* Disabling IPv6 DNS when IPv6 connections not supported
  
- \* David Foster <http://dafoster.net/>
- \* Ensure order of request and response headers are preserved.
  
- \* Jeremy Cline <jeremy@jcline.org>
- \* Added connection pool keys by scheme
  
- \* Aviv Palivoda <palaviv@gmail.com>
- \* History list to Retry object.
- \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <nate.prewitt@gmail.com>
- \* Ensure timeouts are not booleans and greater than zero.
- \* Fixed infinite loop in ``stream`` when amt=None.
- \* Added length\_remaining to determine remaining data to be read.
- \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <sethmichaellarson@protonmail.com>
- \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <alex.dias@smarkets.com>
- \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <moin18@gmail.com>
- \* Lazily load idna package
  
- \* Tom White <s6yg1ez3@mail2tor.com>
- \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
- \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
- \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring

- \* Wolfgang Richter <wolfgang.richter@gmail.com>
- \* Bugfix related to loading full certificate chains with PyOpenSSL backend.
  
- \* Mike Miller <github@mikeage.net>
- \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
- \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- \* Update appveyor tox setup to use the 64bit python.
  
- \* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
- \* Ongoing maintenance; 2017-2018
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
- \* Minor fixes in the test suite
  
- \* Will Bond <will@wbond.net>
- \* Add Python 2.6 support to ``contrib.securetransport``
  
- \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
- \* using auth info for socks proxy
  
- \* Chris Wilcox <git@crwilcox.com>
- \* Improve contribution guide
- \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
- \* Bruce Merry <https://www.brucemerry.org.za>
- \* Fix leaking exceptions when system calls are interrupted with zero timeout
  
- \* Hugo van Kemenade <https://github.com/hugovk>
- \* Drop support for EOL Python 2.6
  
- \* Tim Bell <https://github.com/timb07>
- \* Bugfix for responses with Content-Type: message/\* logging warnings
  
- \* Justin Bramley <https://github.com/jbramleycl>
- \* Add ability to handle multiple Content-Encodings
  
- \* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
- \* Remove Authorization header regardless of case when redirecting to cross-site
  
- \* James Meickle <https://permadeath.com/>
- \* Improve handling of Retry-After header
  
- \* Chris Jerdonek <chris.jerdonek@gmail.com>
- \* Remove a spurious TypeError from the exception chain inside  
 HTTPConnectionPool.\_make\_request(), also for BaseExceptions.

\* [Your name or handle] <[email or website]>

\* [Brief summary of your changes]

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## 1.12 properties 1.8.4

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## 1.13 scala-collection-compat\_2.13 2.10.0

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```

Found in path(s):

```
* /opt/cola/permits/1719630887_1686604745.8385057/0/scala-collection-compat-2-13-2-10-0-sources-
jar/scala/util/control/compat/package.scala
* /opt/cola/permits/1719630887_1686604745.8385057/0/scala-collection-compat-2-13-2-10-0-sources-
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```

## 1.14 pep517 0.12.0

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## 1.15 google-uuid 1.0.0

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Paul Borman <borman@google.com>

bmatsuo

shawnps

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jboverfelt

dsymonds

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# 1.16 groupcache 0.0.0-20200121045136-8c9f03a8e57e

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## 1.17 sqlx 1.3.5

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## 1.18 eapache-go-xerial-snappy 0.0.0-20180814174437-776d5712da21

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## 1.19 jersey-apache-connector 2.25.1

### 1.20 kr-text 0.1.0

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## 1.21 servlet-api 4.0.FR

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- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
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- web-common\_4\_0.xsd
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- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
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- web-fragment\_4\_0.xsd

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## 1.22 prometheus-client 0.3.0

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# 1.23 tomcat-util-scan 9.0.75

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## 1.24 kube-openapi 0.0.0-20221012153701-172d655c2280

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package spec

import "testing"

func TestIntegrationLicense(t \*testing.T) {

license := License{Name: "the name", URL: "the url"}

const licenseJSON = `{"name":"the name","url":"the url"}`

const licenseYAML = "name: the name\nurl: the url\n"

assertSerializeJSON(t, license, licenseJSON)

assertParsesJSON(t, licenseJSON, license)

}

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package spec

```
// License information for the exposed API.  
//  
// For more information: http://goo.gl/8us55a#licenseObject  
type License struct {  
    Name string `json:"name,omitempty"`  
    URL string `json:"url,omitempty"`  
}
```

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\*

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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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\* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.  
\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api  
\* javax.annotation:javax.annotation-api  
\* javax.transaction:javax.transaction-api  
\* javax.websocket:javax.websocket-api

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## Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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## OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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## Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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## MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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```
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```

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## 1.33 python-certifi 2019.11.28

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ca-bundle.crt -- Bundle of CA Root Certificates

```
Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#
```

```
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```

```
@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
```

# 1.34 xpp 1.1.3.3

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```

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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<title>SLF4J License</title>
<link rel="stylesheet" type="text/css" media="screen" href="css/site.css" />
</head>
<body>
<script type="text/javascript">prefix="";</script>

<script src="templates/header.js" type="text/javascript"></script>
<div id="left">
<script src="templates/left.js" type="text/javascript"></script>
</div>
<div id="right">
<script src="templates/right.js" type="text/javascript"></script>
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<div id="content">
```

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\* /opt/cola/permits/1594592384\_1678980969.0263424/0/jmx-prometheus-javaagent-0-18-0-sources-jar/META-INF/maven/io.prometheus/simpleclient\_httpserver/pom.xml

\* /opt/cola/permits/1594592384\_1678980969.0263424/0/jmx-prometheus-javaagent-0-18-0-sources-jar/META-INF/maven/io.prometheus.jmx/jmx\_prometheus\_javaagent\_common/pom.xml

\* /opt/cola/permits/1594592384\_1678980969.0263424/0/jmx-prometheus-javaagent-0-18-0-sources-jar/META-INF/maven/io.prometheus/simpleclient\_hotspot/pom.xml

# 1.45 thrift 0.13.0

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# 1.46 x-text 0.8.0

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## 1.47 wheel 0.40.0

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## 1.48 jetty-util 9.4.49.v20220914

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\* org.eclipse.jetty.orbit:javax.security.auth.message

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\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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## Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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Found in path(s):

- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/LookupKey.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/MMapLogWriter.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/FileMetaData.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/util/VariableLengthQuantity.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/LogWriter.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/util/AbstractSeekingIterator.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/LogMonitors.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/LogMonitor.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/LookupResult.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/DbConstants.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/Filename.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/FileChannelLogWriter.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/Level.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/table/UserComparator.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-jar/org/iq80/leveldb/impl/LogReader.java
- \* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-

jar/org/iq80/leveldb/util/PureJavaCrc32C.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/SeekingIteratorAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/Level0Iterator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/LevelIterator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/ValueType.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/Slice.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/SnapshotImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/Iq80DBFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/InternalUserComparator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/WriteBatchImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/SnapshotSeekingIterator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/LogConstants.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/DynamicSliceOutput.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/VersionEditTag.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/VersionEdit.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/Slices.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/Snappy.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/SeekingIterable.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/DbLock.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/LogChunkType.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/DbImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/Finalizer.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/ByteBufferSupport.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/table/BlockBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-

jar/org/iq80/leveldb/impl/InternalKey.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/table/BlockEntry.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/table/FileChannelTable.java  
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jar/org/iq80/leveldb/impl/Level0.java  
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jar/org/iq80/leveldb/impl/MemTable.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/SizeOf.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/SliceComparator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/table/BlockIterator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/ReadStats.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/Closeables.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/table/MMapTable.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/table/Footer.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/BasicSliceOutput.java  
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jar/org/iq80/leveldb/util/FileUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/table/BlockTrailer.java  
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jar/org/iq80/leveldb/table/TableBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/SequenceNumber.java  
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jar/org/iq80/leveldb/util/DbIterator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/util/TableIterator.java  
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jar/org/iq80/leveldb/impl/InternalKeyComparator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/impl/TableCache.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/table/CustomUserComparator.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/table/Table.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-  
jar/org/iq80/leveldb/table/BlockHandle.java  
\* /opt/ws\_local/PERMITS\_SQL/1070621161\_1594725483.79/0/leveldb-0-12-sources-

```
jar/org/iq80/leveldb/util/IntVector.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/impl/Compaction.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/util/InternalIterator.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/util/InternalTableIterator.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/impl/Logs.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/util/SliceInput.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/util/SliceOutput.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/impl/VersionSet.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/table/Block.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/util/MergingIterator.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/impl/SeekingIterator.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/impl/Version.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/table/BytewiseComparator.java
* /opt/ws_local/PERMITS_SQL/1070621161_1594725483.79/0/leveldb-0-12-sources-
jar/org/iq80/leveldb/impl/InternalEntry.java
```

## 1.50 jcl-over-slf4j 1.7.30

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\* /opt/cola/permits/1135880174\_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/LogFactory.java  
\* /opt/cola/permits/1135880174\_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/impl/SLF4JLogFactory.java  
\* /opt/cola/permits/1135880174\_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/LogConfigurationException.java  
\* /opt/cola/permits/1135880174\_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/Log.java  
\* /opt/cola/permits/1135880174\_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/impl/SimpleLog.java  
\* /opt/cola/permits/1135880174\_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/impl/NoOpLog.java  
\* /opt/cola/permits/1135880174\_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/impl/SLF4JLocationAwareLog.java  
\* /opt/cola/permits/1135880174\_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/impl/SLF4JLog.java

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\* /opt/cola/permits/1135880174\_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/package.html



# 1.51 ipaddr 2.2.0

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## 1.53 httpcomponents-core 4.3.2

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# 1.54 apiextensions-apiserver 0.26.0

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# 1.55 chardet 3.0.4

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## 1.57 nghttp2 1.40.0-1ubuntu0.1

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```
set yrange [0:]
```

```
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
```

```
set xtics rotate by -45
```

```
set style histogram errorbars gap 2 lw 1
```

```
set style fill solid border -1
```

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## 1.58 json-c 0.13.1+dfsg-7ubuntu0.3

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## 1.59 docker 20.10.21+incompatible

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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```
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jar/org/jline/builtins/ssh/ShellCommand.java  
* /opt/cola/permits/1617269193_1679983059.309886/0/jline-remote-ssh-3-22-0-sources-  
jar/org/jline/builtins/ssh/ShellFactoryImpl.java  
* /opt/cola/permits/1617269193_1679983059.309886/0/jline-remote-ssh-3-22-0-sources-  
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## 1.66 jakarta-annotation-api 1.3.4

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Ty Coon, President of Vice

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## ## Source Code

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# 1.68 jinja2 3.0.3

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[metadata]

name = Jinja2

version = attr: jinja2.\_\_version\_\_

url = <https://palletsprojects.com/p/jinja/>

project\_urls =

Donate = <https://palletsprojects.com/donate>

Documentation = <https://jinja.palletsprojects.com/>

Changes = <https://jinja.palletsprojects.com/changes/>

Source Code = <https://github.com/pallets/jinja/>

Issue Tracker = <https://github.com/pallets/jinja/issues/>

Twitter = <https://twitter.com/PalletsTeam>

Chat = <https://discord.gg/pallets>

license = BSD-3-Clause

license\_files = LICENSE.rst

author = Armin Ronacher

author\_email = [armin.ronacher@active-4.com](mailto:armin.ronacher@active-4.com)

maintainer = Pallets

maintainer\_email = [contact@palletsprojects.com](mailto:contact@palletsprojects.com)

description = A very fast and expressive template engine.

long\_description = file: README.rst

long\_description\_content\_type = text/x-rst

```
classifiers =  
Development Status :: 5 - Production/Stable  
Environment :: Web Environment  
Intended Audience :: Developers  
License :: OSI Approved :: BSD License  
Operating System :: OS Independent  
Programming Language :: Python  
Topic :: Internet :: WWW/HTTP :: Dynamic Content  
Topic :: Text Processing :: Markup :: HTML
```

```
[options]
```

```
packages = find:  
package_dir = = src  
include_package_data = true  
python_requires = >= 3.6
```

```
[options.packages.find]
```

```
where = src
```

```
[options.entry_points]
```

```
babel.extractors =  
jinja2 = jinja2.ext:babel_extract[!18n]
```

```
[tool:pytest]
```

```
testpaths = tests  
filterwarnings =  
error  
ignore:The loop argument:DeprecationWarning:asyncio[.]base_events:542
```

```
[coverage:run]
```

```
branch = True  
source =  
jinja2  
tests
```

```
[coverage:paths]
```

```
source =  
src  
*/site-packages
```

```
[flake8]
```

```
select = B, E, F, W, B9, ISC  
ignore =  
E203  
E501  
E722  
W503  
max-line-length = 80
```

```
per-file-ignores =
src/jinja2/___init___py: F401
```

```
[mypy]
files = src/jinja2
python_version = 3.6
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallow_incomplete_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True
```

```
[mypy-jinja2.defaults]
no_implicit_reexport = False
```

```
[mypy-markupsafe]
no_implicit_reexport = False
```

```
[egg_info]
tag_build =
tag_date = 0
```

Found in path(s):

```
* /opt/cola/permits/1226358395_1636965021.11/0/jinja2-3-0-3-tar-gz/Jinja2-3.0.3/setup.cfg
```

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Metadata-Version: 2.1

Name: Jinja2

Version: 3.0.3

Summary: A very fast and expressive template engine.

Home-page: <https://palletsprojects.com/p/jinja/>

Author: Armin Ronacher

Author-email: [armin.ronacher@active-4.com](mailto:armin.ronacher@active-4.com)

Maintainer: Pallets

Maintainer-email: [contact@palletsprojects.com](mailto:contact@palletsprojects.com)

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Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Web Environment

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content

Classifier: Topic :: Text Processing :: Markup :: HTML

Requires-Python: >=3.6

Description-Content-Type: text/x-rst

Provides-Extra: i18n

License-File: LICENSE.rst

Jinja

=====

Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted user input.
- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.

Installing

-----

Install and update using `pip`:

```
.. code-block:: text
```

```
$ pip install -U Jinja2
```

```
.. _pip: https://pip.pypa.io/en/stable/getting-started/
```

In A Nutshell

-----

```
.. code-block:: jinja
```

```
{% extends "base.html" % }
{% block title % }Members{% endblock % }
{% block content % }
<ul>
  {% for user in users % }
    <li><a href="{{ user.url }}">{{ user.username }}</a></li>
  {% endfor % }
</ul>
{% endblock % }
```

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-----

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```
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-----

- Documentation: <https://jinja.palletsprojects.com/>
- Changes: <https://jinja.palletsprojects.com/changes/>
- PyPI Releases: <https://pypi.org/project/Jinja2/>
- Source Code: <https://github.com/pallets/jinja/>
- Issue Tracker: <https://github.com/pallets/jinja/issues/>
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- \* /opt/cola/permits/1226358395\_1636965021.11/0/jinja2-3-0-3-tar-gz/Jinja2-3.0.3/src/Jinja2.egg-info/PKG-INFO
- \* /opt/cola/permits/1226358395\_1636965021.11/0/jinja2-3-0-3-tar-gz/Jinja2-3.0.3/PKG-INFO

# 1.69 commons-logging 1.2

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\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/package.html

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\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogConfigurationException.java  
\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Log4JLogger.java  
\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogFactoryImpl.java  
\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java  
\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/SimpleLog.java  
\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk14Logger.java  
\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogSource.java  
\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/NoOpLog.java  
\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogKitLogger.java  
\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/Log.java

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\*/opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/ServletContextCleaner.java

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\*/opt/cola/permits/1402703713\_1661804576.0940742/0/kubernetes-client-0-0-0-sources-jar/com/marcnuri/yakc/ssl/AlwaysTrustManager.java

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jar/com/marcnuri/yakc/reactivex/WatchOnSubscribe.java  
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\* org.eclipse.jetty.orbit:javafx.security.auth.message

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\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api  
\* javax.annotation:javax.annotation-api  
\* javax.transaction:javax.transaction-api  
\* javax.websocket:javax.websocket-api

-----  
Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN

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\* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api



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Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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### 1.2.0

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# 1.76 go-openapi-swag 0.19.14

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# 1.81 prometheus-procfs 0.5.0

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Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<https://tukaani.org/xz/lists.html>

Source:

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Comment:

From: Lasse Collin <lasse.collin@tukaani.org>

To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

.

[...]

.

> AUTHORS, ChangeLog, COPYING, README, THANKS, TODO,

> dos/README, windows/README

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Files: INSTALL NEWS PACKAGERS

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src/liblzma/rangecoder/price\_table.c  
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changelog.gz (commit 975d8fd) explains:

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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,

David Mackenzie, Bruno Haible, and many others.

Origin: configure.ac from XZ Utils,

visibility.m4 serial 1 (gettext-0.15),

Autoconf 2.52g

License: config-h

configure.ac:

```
.
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comments from Autoconf 2.52g:
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dos/config.h was generated with autoheader, which tells Autoconf to
output a script to generate a config.h file and then runs it.

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Origin: gettext-runtime/po/Makevars (gettext-0.12)
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Authors: Bruno Haible
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### 0.18.0

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\* /opt/cola/permits/1594592386\_1678980993.0302753/0/jmx-prometheus-javaagent-common-0-18-0-sources-jar/META-INF/maven/io.prometheus.jmx/jmx\_prometheus\_javaagent\_common/pom.xml

## 1.86 pkg-sftp 1.13.4

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Dave Cheney <dave@cheney.net>

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## 1.87 easyjson 0.7.6

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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.  
\* org.eclipse.jetty.orbit:javax.mail.glassfish

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## Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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## Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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## OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

- org.ow2.asm:asm-commons
- org.ow2.asm:asm

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## Apache

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- org.apache.taglibs:taglibs-standard-spec
- org.apache.taglibs:taglibs-standard-impl

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## MortBay

The following artifacts are ASL2 licensed. Based on selected classes from

following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

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## 1.91 go-connections 0.4.0

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## 1.93 tomcat-coyote 9.0.75

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## 1.94 aec 1.0.0

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# 1.97 man-pages 5.05-1

## 1.97.1 Available under license :

```
#!/bin/sh
#
# find_dot_no_parens.sh
#
# Look for function names after /^[BIR]/ that aren't
# followed by "()".
#
# This script is designed to help with "by hand" tidy-ups after
# the automated changes made by add_parens_for_own_funcs.sh.
#
```

```

# The first argument to this script names a manual page directory where
# 'man2' and 'man3' subdirectories can be found. The pages names in
# these directories are used to generate a series of regular expressions
# that can be used to search the manual page files that are named in
# the remaining command-line arguments.
#
# Example usage:
#
# cd man-pages-x.yy
# sh find_dots_no_parens.sh . man?/*.*? > matches.log
#
#####
#
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# 1.99 audit 2.8.5-2ubuntu6

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## 1.107 python-pip 21.3.1

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- Chris McDonough, 2011/02/16

- Wichert Akkerman, 2012/02/02

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes

2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes



2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

Footnotes:

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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## 1.108 activation-api 1.2.2

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```
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```

Found in path(s):

```
* /opt/cola/permits/1634239329_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/http/StandardMediaTypes.java  
* /opt/cola/permits/1634239329_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/ReplaceDeletable.java  
* /opt/cola/permits/1634239329_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/ServerSideApplicable.java  
* /opt/cola/permits/1634239329_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-
```

jar/io/fabric8/kubernetes/client/dsl/V1PolicyAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/extended/leaderelection/resourceLock/LeaderElectionRecord.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/TtyExecErrorChannelable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/Utils/IOHelpers.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/DefaultKubernetesClient.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/ListVisitFromServerWritable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/V1beta1NetworkAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/ListVisitFromServerGetDeleteRecreateWaitApplicable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/TimeoutImageEditReplacePatchable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/ApiextensionsAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/MetricOperation.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/Watchable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/AnyNamespaceOperation.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/EphemeralContainersResource.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/FunctionCallable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/V1StorageAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/Filterable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/http/SendAsyncUtils.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/V1EventingAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/ScalableResource.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/FlowControlAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/Utils/CachedSingleThreadScheduler.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/http/ByteArrayBodyHandler.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/V2AutoscalingAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-

jar/io/fabric8/kubernetes/client/dsl/base/CustomResourceDefinitionContext.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/LocalPortForward.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/AuthenticationAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/Execable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/V1beta1BatchAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/FromServerGettable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/Watcher.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/extended/run/RunOperations.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/readiness/Readiness.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/BytesLimitTerminateTimeTailPrettyLoggable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/GracePeriodConfigurable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/Config.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/EventingAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/WatchAndWaitable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/Informable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/Utils/BackwardsCompatibilityInterceptor.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/Version.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/CertificateSigningRequestResource.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/AdmissionRegistrationAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/Utils/InputStreamPumper.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/V1beta1CertificatesAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/internal/KubeConfigUtils.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-

jar/io/fabric8/kubernetes/client/V1AdmissionRegistrationAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/extended/leaderelection/LeaderElector.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/utils/PodStatusUtil.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/V1ApiextensionAPIGroupDSL.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/ItemReplacable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/http/BasicBuilder.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/informers/cache/ItemStore.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/V1beta3FlowControlAPIGroupDSL.java  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
jar/io/fabric8/kubernetes/client/dsl/PrettyLoggable.java  
\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-

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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-  
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jar/io/fabric8/kubernetes/client/dsl/Loggable.java

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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-jar/META-INF/maven/io.fabric8/kubernetes-client-api/pom.xml

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\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-jar/io.fabric8/kubernetes/client/lib/FilenameUtils.java

\* /opt/cola/permits/1634239329\_1681207425.7699745/0/kubernetes-client-api-6-5-1-sources-jar/io.fabric8/kubernetes/client/lib/FileSystem.java

# 1.112 scala 2.13.10.v20221008-124105-VFINAL-4905801

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

```
Either create a single parameter accepting the Tuple2,  
or consider a pattern matching anonymous function: ` { case (a, b) => ... }  
val x: ((Int, Int) => Int) = (((a, b)) => a)  
      ^
```

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

```
Either create a single parameter accepting the Tuple2,  
or consider a pattern matching anonymous function: ` { case (param1, param2) => ... }  
val y: ((Int, Int, Int) => Int) = (((a, !!)) => a)  
      ^
```

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

```
Either create a single parameter accepting the Tuple3,  
or consider a pattern matching anonymous function: ` { case (param1, ..., param3) => ... }  
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)  
      ^
```

3 errors

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```
{% if site.thisScalaVersion != site.latestScalaVersion %}
```

```
<div class="version-notice">This is the specification of {{ site.versionCompareMessage }} version of Scala. See  
the <a href="{{ site.baseurl }}/../{{ site.latestScalaVersion }}">Scala {{ site.latestScalaVersion }} spec</a>.</div>  
{% endif %}
```

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Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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## 1.118 slf4j-impl 1.7.36

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```
<!-- Generate ISC copyright comments from Docbook copyright metadata. -->
```

```
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
  <xsl:if test="translate($rest, '&#9;&#32;', '')">
    <xsl:call-template name="isc.copyright.format">
      <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
  <xsl:text>
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  </xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
        <xsl:value-of select="holder"/>
        <xsl:value-of select="$isc.copyright.breakline"/>
        <xsl:text>&#10;</xsl:text>
      </xsl:for-each>
    <xsl:value-of select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>
```

<!--

- Local variables:

- mode: sgml

- End:

-->

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```
/**
 * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */
/**
 * Set the {@code TCP_QUICKACK} option on the socket.
 * See TCP\_QUICKACK
 * for more details.
 */
```

Found in path(s):

```
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollSocketChannelConfig.java
```

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 */
```

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```
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/SegmentedDatagramPacket.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollDomainDatagramChannelConfig.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollDomainDatagramChannel.java
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\* Set the {@code TCP\_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.

\* Keys can only be set on, not read to prevent a potential leak, as they are confidential.

\* Allowing them being read would mean anyone with access to the channel could get them.

\*/

Found in path(s):

\*/opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java

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- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/EpollEventLoop.java
- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.java
- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/package-info.java
- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/EpollSocketChannel.java
- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/EpollTcpInfo.java
- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannel.java
- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/Epoll.java
- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/EpollEventLoopGroup.java
- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/AbstractEpollChannel.java
- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/EpollChannelOption.java
- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/NativeDatagramPacketArray.java

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- \* /opt/cola/permits/1518493128\_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-jar/io/netty/channel/epoll/LinuxSocket.java

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```
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/TcpMd5Util.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollMode.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollServerChannelConfig.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollEventArray.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollChannelConfig.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/EpollDomainSocketChannel.java
* /opt/cola/permits/1518493128_1671636502.660997/0/netty-transport-classes-epoll-4-1-86-final-sources-
jar/io/netty/channel/epoll/AbstractEpollServerChannel.java
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## 1.121 javax-inject 2.5.0-b32



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- \* /opt/cola/permits/1142539714\_1615393722.4/0/javax-inject-2-5-0-b32-sources-5-jar/javax/inject/package-info.java
- \* /opt/cola/permits/1142539714\_1615393722.4/0/javax-inject-2-5-0-b32-sources-5-jar/javax/inject/Singleton.java
- \* /opt/cola/permits/1142539714\_1615393722.4/0/javax-inject-2-5-0-b32-sources-5-jar/javax/inject/Scope.java
- \* /opt/cola/permits/1142539714\_1615393722.4/0/javax-inject-2-5-0-b32-sources-5-jar/javax/inject/Named.java
- \* /opt/cola/permits/1142539714\_1615393722.4/0/javax-inject-2-5-0-b32-sources-5-jar/javax/inject/Inject.java
- \* /opt/cola/permits/1142539714\_1615393722.4/0/javax-inject-2-5-0-b32-sources-5-jar/javax/inject/Qualifier.java

## 1.122 logback-core 1.2.3

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```
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jar/org/jctools/queues/spec/Ordering.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/atomic/SpSCUnboundedAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/atomic/SpMCAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/MessagePassingQueueUtil.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/atomic/MpMCAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
```

jar/org/jctools/util/UnsafeJvmInfo.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/LinkedListAtomicNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/SpSCLinkedListQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MpscUnboundedXaddArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/spec/Preference.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MessagePassingQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/SupportsIterator.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MpscGrowArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/BaseSpSCLinkedListAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/AtomicQueueFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MpmcArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/SpSCAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/SpSCLinkedListAtomicQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/SpmcArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/maps/AbstractEntry.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MpmcUnboundedXaddChunk.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MpscChunkedArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/maps/NonBlockingHashMapLong.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/util/UnsafeLongArrayAccess.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MpscBlockingConsumerArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-

jar/org/jctools/queues/atomic/BaseMpscLinkedAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/maps/NonBlockingHashMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/BaseMpscLinkedArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/maps/NonBlockingIdentityHashMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/BaseLinkedQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/util/InternalAPI.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/maps/NonBlockingHashSet.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/util/Pow2.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/spec/ConcurrentQueueSpec.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/SpvcChunkedAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/maps/ConcurrentAutoTable.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MpscUnboundedXaddChunk.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/LinkedQueueNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/SpvcUnboundedArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/util/PortableJvmInfo.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/ConcurrentCircularArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/maps/NonBlockingSetInt.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MpscLinkedQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/util/UnsafeRefArrayAccess.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/MpscCompoundQueue.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-



```

jar/org/jctools/queues/SpSCChunkedArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/SpSCArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/QueueFactory.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/MpscArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/util/UnsafeAccess.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/MpscUnboundedArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/atomic/SpSCGrowAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/IndexedQueueSizeUtil.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/SpSCGrowArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/util/RangeUtil.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/package-info.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
jar/org/jctools/queues/BaseSpSCLinkedArrayQueue.java

```

No license file was found, but licenses were detected in source scan.

```

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
  <modelVersion>4.0.0</modelVersion>

```

```

  <artifactId>jctools-core</artifactId>
  <groupId>org.jctools</groupId>
  <version>3.1.0</version>
  <name>Java Concurrency Tools Core Library</name>
  <description>Java Concurrency Tools Core Library</description>
  <packaging>bundle</packaging>

```

```

  <dependencies>
    <dependency>
      <groupId>org.hamcrest</groupId>
      <artifactId>hamcrest-all</artifactId>
      <version>${hamcrest.version}</version>
      <scope>test</scope>
    </dependency>

```

```

<dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <version>${junit.version}</version>
  <scope>test</scope>
</dependency>

<dependency>
  <groupId>com.google.guava</groupId>
  <artifactId>guava-testlib</artifactId>
  <version>${guava-testlib.version}</version>
  <scope>test</scope>
</dependency>
</dependencies>
<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-surefire-plugin</artifactId>
      <version>3.0.0-M3</version>
      <configuration>
        <includes>
          <include>*</include>
        </includes>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.felix</groupId>
      <artifactId>maven-bundle-plugin</artifactId>
      <version>4.2.1</version>
      <extensions>>true</extensions>
      <configuration>
        <instructions>
          <Import-Package>sun.misc;resolution:=optional</Import-Package>
        </instructions>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-source-plugin</artifactId>
      <version>3.2.0</version>
      <executions>
        <execution>
          <id>attach-sources</id>
          <phase>verify</phase>
          <goals>
            <goal>jar-no-fork</goal>
          </goals>
        </execution>
      </executions>
    </plugin>
  </plugins>
</build>

```

```

    </execution>
  </executions>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-javadoc-plugin</artifactId>
  <version>3.1.1</version>
  <configuration>
    <additionalOptions>
      <additionalOption>-Xdoclint:none</additionalOption>
    </additionalOptions>
    <source>8</source>
  </configuration>
  <executions>
    <execution>
      <id>attach-javadocs</id>
      <goals>
        <goal>jar</goal>
      </goals>
    </execution>
  </executions>
</plugin>
</plugins>
</build>

<distributionManagement>
  <repository>
    <id>bintray-jctools-jctools</id>
    <name>jctools-jctools</name>
    <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/?publish=1</url>
  </repository>
</distributionManagement>

<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

<licenses>
  <license>
    <name>Apache License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<scm>
  <url>https://github.com/JCTools/JCTools</url>
  <connection>scm:git:https://github.com/JCTools/JCTools</connection>
  <tag>HEAD</tag>

```

```

</scm>

<developers>
  <developer>
    <url>https://github.com/nitsanw</url>
  </developer>
  <developer>
    <url>https://github.com/mjpt777</url>
  </developer>
  <developer>
    <url>https://github.com/RichardWarburton</url>
  </developer>
  <developer>
    <url>https://github.com/kay</url>
  </developer>
  <developer>
    <url>https://github.com/franz1981</url>
  </developer>
</developers>

<prerequisites>
  <maven>3.5.0</maven>
</prerequisites>

<properties>
  <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
  <java.version>1.6</java.version>
  <java.test.version>1.8</java.test.version>

  <maven.compiler.source>${java.version}</maven.compiler.source>
  <maven.compiler.target>${java.version}</maven.compiler.target>
  <maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
  <maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

  <hamcrest.version>1.3</hamcrest.version>
  <junit.version>4.12</junit.version>
  <guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

```

## 1.124 tzdata 2023c-0ubuntu0.20.04.2

## 1.124.1 Available under license :

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# 1.125 kube-openapi 0.0.0-20220803162953-67bda5d908f1

## 1.125.1 Available under license :

```
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```

package spec

import "testing"

```
func TestIntegrationLicense(t *testing.T) {
    license := License{Name: "the name", URL: "the url"}
    const licenseJSON = `{"name":"the name","url":"the url"}`
    const licenseYAML = "name: the name\nurl: the url\n"
```

```
    assertSerializeJSON(t, license, licenseJSON)
    assertParsesJSON(t, licenseJSON, license)
}
```

```
// Copyright 2015 go-swagger maintainers
//
// Licensed under the Apache License, Version 2.0 (the "License");
// you may not use this file except in compliance with the License.
// You may obtain a copy of the License at
//
// http://www.apache.org/licenses/LICENSE-2.0
//
```

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// distributed under the License is distributed on an "AS IS" BASIS,
// WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
// See the License for the specific language governing permissions and
// limitations under the License.
```

package spec

```
// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}
```

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Version 2.0, January 2004  
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## 1.133 jackson-jaxrs 2.13.5

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.



It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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for ron@debian.org; Sun, 14 Aug 2011 05:47:35 +0000  
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## 1.138 pkg-sftp 1.10.1

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## 1.139 x-net 0.7.0

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# 1.140 glycerine-goconvey 0.0.0-20190410193231-58a59202ab31

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## 1.141 stateless4j 2.5.0

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```
* /opt/cola/permits/1257784248_1643014186.5/0/stateless4j-2-5-0-sources-
jar/com/github/oxo42/stateless4j/delegates/FuncBoolean.java
* /opt/cola/permits/1257784248_1643014186.5/0/stateless4j-2-5-0-sources-
jar/com/github/oxo42/stateless4j/OutVar.java
```

# 1.142 smartystreets-goconvey 1.6.4

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## 1.147 collector 0.18.0

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\* /opt/cola/permits/1594592388\_1678980996.1612544/0/collector-0-18-0-sources-jar/META-

INF/maven/io.prometheus.jmx/collector/pom.xml

## 1.148 cidranger 1.0.2

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## 1.150 hk2-locator 2.5.0-b32

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## 1.152 dom 1.0

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```
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/ElementEditAS.java  
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/ASNotationDeclaration.java  
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/ASObject.java  
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/CharacterDataEditAS.java  
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/DOMImplementationAS.java  
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/ASModel.java  
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/DocumentAS.java  
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/ASAttributeDeclaration.java  
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/ASElementDeclaration.java  
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom3/as/ASEntityDeclaration.java
```



\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASNamedObjectMap.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASDataType.java  
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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASObjectList.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASBuilder.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASException.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/NodeEditAS.java

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jar/org/w3c/dom/html/HTMLDOMImplementation.java

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/\*\*

\* Checks if this content model has had its min/maxOccurs values reduced for  
\* purposes of speeding up UPA. If so, this content model should not be used  
\* for any purpose other than checking unique particle attribution  
\*  
\* @return a boolean that says whether this content has been compacted for UPA  
\*/

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/models/XSCMValidator.java

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 \*/  
 /\*\*  
 \* DOM Level 3 LS CR - Experimental.  
 \* Create a new `LSParser`. The newly constructed parser may  
 \* then be configured by means of its `DOMConfiguration`  
 \* object, and used to parse documents by means of its `parse`  
 \* method.  
 \* @param mode The `mode` argument is either  
 \* `MODE_SYNCHRONOUS` or `MODE_ASYNCHRONOUS`, if  
 \* `mode` is `MODE_SYNCHRONOUS` then the  
 \* `LSParser` that is created will operate in synchronous  
 \* mode, if it's `MODE_ASYNCHRONOUS` then the  
 \* `LSParser` that is created will operate in asynchronous  
 \* mode.  
 \* @param schemaType An absolute URI representing the type of the schema  
 \* language used during the load of a `Document` using the  
 \* newly created `LSParser`. Note that no lexical checking  
 \* is done on the absolute URI. In order to create a  
 \* `LSParser` for any kind of schema types (i.e. the  
 \* LSParser will be free to use any schema found), use the value  
 \* `null`.  
 \* 

<b>Note:</b> For W3C XML Schema [[XML Schema Part 1</a>\]  
 \\* , applications must use the value  
 \\* `"http://www.w3.org/2001/XMLSchema"`. For XML DTD \[\[XML 1.0</a>\\],  
 \\\* applications must use the value  
 \\\* `"http://www.w3.org/TR/REC-xml"`. Other Schema languages  
 \\\* are outside the scope of the W3C and therefore should recommend an  
 \\\* absolute URI in order to use this method.  
 \\\* @return The newly created `LSParser` object. This  
 \\\* `LSParser` is either synchronous or asynchronous  
 \\\* depending on the value of the `mode` argument.  
 \\\* 

<b>Note:</b> By default, the newly created `LSParser`  
 \\\* does not contain a `DOMErrorHandler`, i.e. the value of  
 \\\* the "\\[parameter-error-  
 handler'\\]\\(http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler\\)  
 \\\* error-handler" configuration parameter is `null`. However, implementations  
 \\\* may provide a default error handler at creation time. In that case,  
 \\\* the initial value of the `"error-handler"` configuration  
 \\\* parameter on the new created `LSParser` contains a  
 \\\* reference to the default error handler.\]\(http://www.w3.org/TR/2000/REC-xml-20001006/\)](http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/)

\* @exception DOMException  
\* NOT\_SUPPORTED\_ERR: Raised if the requested mode or schema type is  
\* not supported.  
\*/

Found in path(s):

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DOMImplementationListImpl.java

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/\*\*

- \* used to check the 3 constraints against each complex type
  - \* (should be each model group):
  - \* Unique Particle Attribution, Particle Derivation (Restriction),
  - \* Element Declarations Consistent.
- \*/

Found in path(s):

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSConstraints.java

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDocumentInfo.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDElementTraverser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLErrorHandler.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLFrameElementImpl.java

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Found in path(s):

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/AbstractDateTimeDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/YearDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/impl/xs/traversers/XSDKeyrefTraverser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/DateDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/DateTimeDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSDUniqueOrKeyTraverser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/MonthDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/DurationDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/MonthDayDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/TimeDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSAttributeChecker.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/YearMonthDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/XSModelGroupImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/XSSimpleTypeDecl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSDHandler.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dv/xs/DayDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/XMLSchemaValidator.java  
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jar/org/apache/xerces/impl/msg/XMLSchemaMessages.properties  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xpath/regex/message.properties  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/msg/DOMMessages.properties  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/msg/XPointerMessages.properties  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/msg/DatatypeMessages.properties

```
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message_fr.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/SAXMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XIncludeMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XMLMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XMLSerializerMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message_ja.properties
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## 1.153 kubernetes-client 6.5.1

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## 1.157 diskv 2.0.1+incompatible

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## 1.159 pythonurllib 1.25.8-2ubuntu0.2

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# Contributions to the urllib3 project

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## Contributors

In chronological order:

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\* HTTPS patch (which inspired HTTPSConnectionPool)

\* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>

\* NTLM-authenticated HTTPSConnectionPool

\* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)

\* niphlod <niphlod@gmail.com>

\* Client-verified SSL certificates for HTTPSConnectionPool

\* Response gzip and deflate encoding support

\* Better unicode support for filepost using StringIO buffers

\* btoconnor <brian@btoconnor.net>

\* Non-multipart encoding for POST requests

\* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>

\* Code review, PEP8 compliance, benchmark fix

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\* Bugfixes, suggestions, Requests integration

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- \* IPv6 url support and test coverage
  
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- \* Support for TLS SNI
- \* API unification of ssl\_version/cert\_reqs
- \* SSL fingerprint and alternative hostname verification
- \* Bugfixes in testsuite
  
- \* Sune Kirkeby <mig@ibofobi.dk>
- \* Optional SNI-support for Python 2 via PyOpenSSL.
  
- \* Marc Schlaich <marc.schlaich@gmail.com>
- \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
- \* Correct six.moves conflict
- \* Fixed pickle support of some exceptions
  
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
- \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <<https://lukasa.co.uk/about/>>
- \* Stream method for Response objects.
- \* Return native strings in header values.
- \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
- \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
- \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>

- \* Added HTTPS (CONNECT) proxy support
  
- \* Stephen Holsapple <sholsapp@gmail.com>
  - \* Added abstraction for granular control of request fields
  
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  - \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  - \* Support for separate connect and request timeouts
  
- \* Peter Waller <p@pwaller.net>
  - \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
  - \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <https://dbrgn.ch/>
  - \* Disabled TLS compression by default on Python 3.2+
  - \* Disabled TLS compression in pyopenssl contrib module
  - \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  - \* Account retries on proxy errors
  
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
  - \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <https://github.com/jschneier>
  - \* HTTPHeaderDict and associated tests and docs
  - \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <http://tahia.tk/>
  - \* Added Timeout examples in docs
  
- \* Arthur Grunseid <https://grunseid.com>
  - \* source\_address support and tests (with https://github.com/bui)
  
- \* Ian Cordasco <graffatcolmingov@gmail.com>
  - \* PEP8 Compliance and Linting
  - \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <erik.tollerud@gmail.com>
  - \* Support for standard library io module.
  
- \* Krishna Prasad <kprasad.iitd@gmail.com>
  - \* Google App Engine documentation



- \* Aaron Meurer <asmeurer@gmail.com>
- \* Added `Url.url`, which unparses a `Url`
  
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
- \* Bugfixes
  
- \* Benjamin Meyer <bm\_witness@yahoo.com>
- \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <github@sornars.com>
- \* Support for using `ConnectionPool` and `PoolManager` as context managers.
  
- \* Alex Gaynor <alex.gaynor@gmail.com>
- \* Updates to the default SSL configuration
  
- \* Tomas Tomecek <ttomecek@redhat.com>
- \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <https://github.com/tlynn>
- \* Respect the warning preferences at import.
  
- \* David D. Riddle <ddriddle@illinois.edu>
- \* IPv6 bugfixes in testsuite
  
- \* Thea Flowers <magicalgirl@google.com>
- \* App Engine environment tests.
- \* Documentation re-write.
  
- \* John Krauss <https://github.com/talos>
- \* Clues to debugging problems with ``cryptography`` dependency in docs
  
- \* Disassem <https://github.com/Disassem>
- \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <jlatherfold@hotmail.com>
- \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <https://github.com/chripede>
- \* IPv6 HTTPS proxy bugfix
  
- \* Jordan Moldow <https://github.com/jmoldow>
- \* Fix low-level exceptions leaking from ```HTTPResponse.stream()```.
- \* Bugfix for ```ConnectionPool.urlopen(release_conn=False)```.
- \* Creation of ```HTTPConnectionPool.ResponseCls```.
  
- \* Predrag Gruevski <https://github.com/obi1kenobi>
- \* Made cert digest comparison use a constant-time algorithm.

- \* Adam Talsma <<https://github.com/a-tal>>
- \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <<https://evanmeagher.net>>
- \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
  
- \* John Vandenberg <[jayvdb@gmail.com](mailto:jayvdb@gmail.com)>
- \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <[andy.m.caldwell@gmail.com](mailto:andy.m.caldwell@gmail.com)>
- \* Bugfix related to reusing connections in indeterminate states.
  
- \* Ville Skytt <[ville.skytta@iki.fi](mailto:ville.skytta@iki.fi)>
- \* Logging efficiency improvements, spelling fixes, Travis config.
  
- \* Shige Takeda <[smtakeda@gmail.com](mailto:smtakeda@gmail.com)>
- \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
  
- \* Jess Shapiro <[jesse@jesseshapiro.net](mailto:jesse@jesseshapiro.net)>
- \* Various character-encoding fixes/tweaks
- \* Disabling IPv6 DNS when IPv6 connections not supported
  
- \* David Foster <<http://dafoster.net/>>
- \* Ensure order of request and response headers are preserved.
  
- \* Jeremy Cline <[jeremy@jcline.org](mailto:jeremy@jcline.org)>
- \* Added connection pool keys by scheme
  
- \* Aviv Palivoda <[palaviv@gmail.com](mailto:palaviv@gmail.com)>
- \* History list to Retry object.
- \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <[nate.prewitt@gmail.com](mailto:nate.prewitt@gmail.com)>
- \* Ensure timeouts are not booleans and greater than zero.
- \* Fixed infinite loop in ``stream`` when amt=None.
- \* Added length\_remaining to determine remaining data to be read.
- \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <[sethmichaellarson@protonmail.com](mailto:sethmichaellarson@protonmail.com)>
- \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <[alex.dias@smarkets.com](mailto:alex.dias@smarkets.com)>
- \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <[moin18@gmail.com](mailto:moin18@gmail.com)>
- \* Lazily load idna package
  
- \* Tom White <[s6yg1ez3@mail2tor.com](mailto:s6yg1ez3@mail2tor.com)>

- \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
- \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
- \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring
  
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
- \* Bugfix related to loading full certificate chains with PyOpenSSL backend.
  
- \* Mike Miller <github@mikeage.net>
- \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
- \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- \* Update appveyor tox setup to use the 64bit python.
  
- \* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
- \* Ongoing maintenance; 2017-2018
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
- \* Minor fixes in the test suite
  
- \* Will Bond <will@wbond.net>
- \* Add Python 2.6 support to ``contrib.securetransport``
  
- \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
- \* using auth info for socks proxy
  
- \* Chris Wilcox <git@crwilcox.com>
- \* Improve contribution guide
- \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
- \* Bruce Merry <https://www.brucemerry.org.za>
- \* Fix leaking exceptions when system calls are interrupted with zero timeout
  
- \* Hugo van Kemenade <https://github.com/hugovk>
- \* Drop support for EOL Python 2.6
  
- \* Tim Bell <https://github.com/timb07>
- \* Bugfix for responses with Content-Type: message/\* logging warnings
  
- \* Justin Bramley <https://github.com/jbramleycl>
- \* Add ability to handle multiple Content-Encodings

- \* Katsuhiko YOSHIDA <<https://github.com/kyoshidajp>>
- \* Remove Authorization header regardless of case when redirecting to cross-site
  
- \* James Meickle <<https://permadeath.com/>>
- \* Improve handling of Retry-After header
  
- \* Chris Jerdonek <[chris.jerdonek@gmail.com](mailto:chris.jerdonek@gmail.com)>
- \* Remove a spurious TypeError from the exception chain inside HTTPConnectionPool.\_make\_request(), also for BaseExceptions.
  
- \* [Your name or handle] <[email or website]>
- \* [Brief summary of your changes]

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## 1.161 lithhammer-dedent 1.1.0

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# 1.163 valyala-fastrand 1.1.0

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# 1.167 go-ldap-ldap 3.3.0

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## 1.169 jopt-simple 5.0.4

## 1.170 term 0.0.0-20210619224110-3f7ff695adc6

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# 1.172 libxext 1.3.4-Ubuntu1

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## 1.173 gopkg.in-asn1-ber 1.0.0-20181015200546-f715ec2f112d

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## 1.174 python-requests 2.22.0-2ubuntu1.1

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Upstream-Name: requests

Upstream-Contact: Kenneth Reitz <me@kennethreitz.com>

Source: <https://pypi.org/project/requests/>

Files: \*

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# 1.175 simpleclient-hotspot 0.16.0

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Manifest-Version: 1.0

Bnd-LastModified: 1655327979490

Build-Jdk: 11.0.15

Built-By: fabian

Bundle-Description: Collectors of data from Java Hotspot.

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: Prometheus Java Simpleclient Hotspot

Bundle-SymbolicName: io.prometheus.simpleclient\_hotspot

Bundle-Version: 0.16.0

Created-By: Apache Maven Bundle Plugin

Export-Package: io.prometheus.client.hotspot;uses:="io.prometheus.client

";version="0.16.0"

Import-Package: com.sun.management,io.prometheus.client;version="[0.16,1

)",javax.management,javax.management.openmbean

Tool: Bnd-2.1.0.20130426-122213

Found in path(s):

\* /opt/cola/permits/1417007560\_1663222261.4278126/0/simpleclient-hotspot-0-16-0-jar/META-INF/MANIFEST.MF

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\* /opt/cola/permits/1417007560\_1663222261.4278126/0/simpleclient-hotspot-0-16-0-jar/META-INF/maven/io.prometheus/simpleclient\_hotspot/pom.xml

# 1.176 capnslog 0.0.0-20160727233714-3ac0863d7acf

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# 1.177 go-autorest-tracing 0.6.0

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## 1.190 commons-daemon 1.3.3

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Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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|---------|--------------|------|-------|---------------------|
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| 2.5.2   | 2.5.1        | 2008 | PSF   | yes                 |
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| 2.6     | 2.5          | 2008 | PSF   | yes                 |
| 2.6.1   | 2.6          | 2008 | PSF   | yes                 |
| 2.6.2   | 2.6.1        | 2009 | PSF   | yes                 |
| 2.6.3   | 2.6.2        | 2009 | PSF   | yes                 |
| 2.6.4   | 2.6.3        | 2009 | PSF   | yes                 |
| 2.6.5   | 2.6.4        | 2010 | PSF   | yes                 |
| 3.0     | 2.6          | 2008 | PSF   | yes                 |
| 3.0.1   | 3.0          | 2009 | PSF   | yes                 |
| 3.1     | 3.0.1        | 2009 | PSF   | yes                 |
| 3.1.1   | 3.1          | 2009 | PSF   | yes                 |
| 3.1.2   | 3.1.1        | 2010 | PSF   | yes                 |
| 3.1.3   | 3.1.2        | 2010 | PSF   | yes                 |
| 3.1.4   | 3.1.3        | 2011 | PSF   | yes                 |
| 3.2     | 3.1          | 2011 | PSF   | yes                 |
| 3.2.1   | 3.2          | 2011 | PSF   | yes                 |
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```
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* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwa/AlgorithmAvailability.java
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```



jar/org/jose4j/jwe/ContentEncryptionParts.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/http/SimpleGet.java  
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# 1.202 osrg-gobgp 2.19.0+incompatible

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# 1.203 pyasn1-modules 0.2.8

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## 1.204 jackson-xc 2.9.10

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## 1.207 logrus 1.7.0

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# 1.208 cyrus-sasl 2.1.27+dfsg-2ubuntu0.1

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 * Rob Earhart
 * Rob Siemborski
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* Tim Martin
```

```
* Rob Earhart
```

```
* Rob Siemborski
```

```
*/
```

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/*
```

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Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

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Build-Jdk: 11.0.15  
Built-By: fabian  
Bundle-Description: The Prometheus Java Suite: Client Metrics, Exposition, and Examples  
Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>  
Bundle-ManifestVersion: 2  
Bundle-Name: Prometheus Java Span Context Supplier - OpenTelemetry  
Bundle-SymbolicName: io.prometheus.simpleclient\_tracer\_otel  
Bundle-Version: 0.16.0  
Created-By: Apache Maven Bundle Plugin  
Export-Package: io.prometheus.client.exemplars.tracer.otel;uses:="io.prometheus.client.exemplars.tracer.common";version="0.16.0"  
Import-Package: io.opentelemetry.api.trace;resolution:=optional,io.prometheus.client.exemplars.tracer.common;version="[0.16,1)"  
Tool: Bnd-2.1.0.20130426-122213

Found in path(s):

\* /opt/cola/permits/1417007497\_1663222176.7797983/0/simpleclient-tracer-otel-0-16-0-jar/META-INF/MANIFEST.MF

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## 1.219 libsmi 0.4.8

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lib/snprintf.c, lib/snprintf.h:

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-----  
tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.

Version: 1.1.2

Entered-date: 23MAR97

Description: C-functions for parsing command line options, both  
traditional one-character options, and GNU'ish  
--long-options.

Keywords: programming, library, lib, commandline, options

Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)

Primary-site: <http://www.ifi.uio.no/~sverrehu/pub-unix/>

Alternate-site: [sunsite.unc.edu/pub/Linux/libs](http://sunsite.unc.edu/pub/Linux/libs)  
shhopt-1.1.2.tar.gz

Platforms: Requires ANSI C-compiler.

Copying-policy: BeerWare: If you have the time and money, send me a bottle  
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# 1.220 visual-studio-runtime 14.00.24210.0



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%% winjs version 4.4.0 (<https://github.com/winjs/winjs>)

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WinJS

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1. Seti UI - A subtle dark colored UI theme for Atom. (<https://github.com/jesseweed/seti-ui>)

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## 1.223 prometheus 0.26.0

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## 1.226 linux-atm 2.5.1-4

### 1.226.1 Available under license :

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jar/io/grpc/protobuf/package-info.java
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""""

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the

previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

```
"""
```

```
import io, sys
```

```
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
```

```
    if python_version < (2,7):
```

```
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = { }
```

```
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
```

```
        'name': 'idna',
```

```
        'packages': ['idna'],
```

```
        'version': package_data['__version__'],
```

```
        'description': 'Internationalized Domain Names in Applications (IDNA)',
```

```
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
```

```
        'author': 'Kim Davies',
```

```
        'author_email': 'kim@cynosure.com.au',
```

```
        'license': 'BSD-like',
```

```
        'url': 'https://github.com/kjd/idna',
```

```
        'classifiers': [
```

```
            'Development Status :: 5 - Production/Stable',
```

```
            'Intended Audience :: Developers',
```

```
            'Intended Audience :: System Administrators',
```

```
            'License :: OSI Approved :: BSD License',
```

```
            'Operating System :: OS Independent',
```

```
            'Programming Language :: Python',
```

```
            'Programming Language :: Python :: 2',
```

```
            'Programming Language :: Python :: 2.7',
```

```
            'Programming Language :: Python :: 3',
```

```
            'Programming Language :: Python :: 3.4',
```

```
            'Programming Language :: Python :: 3.5',
```

```
            'Programming Language :: Python :: 3.6',
```

```
            'Topic :: Internet :: Name Service (DNS)',
```

```
            'Topic :: Software Development :: Libraries :: Python Modules',
```

```
            'Topic :: Utilities',
```

```
        ],
```

```
        'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
```

```
        'test_suite': 'tests',
```

```
    }
```

```
setup(**arguments)

if __name__ == '__main__':
    main()
```

Found in path(s):

```
* /opt/cola/permits/1138607654_1614296153.76/0/python-idna-2-8-orig-1-tar-gz/idna-2.8/setup.py
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```

Metadata-Version: 1.2

Name: idna

Version: 2.8

Summary: Internationalized Domain Names in Applications (IDNA)

Home-page: <https://github.com/kjd/idna>

Author: Kim Davies

Author-email: [kim@cynosure.com.au](mailto:kim@cynosure.com.au)

License: BSD-like

Description: Internationalized Domain Names in Applications (IDNA)

=====

Support for the Internationalised Domain Names in Applications (IDNA) protocol as specified in `RFC 5891 <<http://tools.ietf.org/html/rfc5891>>`\_. This is the latest version of the protocol and is sometimes referred to as “IDNA 2008”.

This library also provides support for Unicode Technical Standard 46, `Unicode IDNA Compatibility Processing <<http://unicode.org/reports/tr46/>>`\_.

This acts as a suitable replacement for the “encodings.idna” module that comes with the Python standard library, but only supports the old, deprecated IDNA specification (`RFC 3490 <<http://tools.ietf.org/html/rfc3490>>`\_).

Basic functions are simply executed:

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.

# Python 2
>>> import idna
>>> idna.encode(u'.')
'xn--eckwd4c7c.xn--zckzah'
>>> print idna.decode('xn--eckwd4c7c.xn--zckzah')
```

## Packages

-----

The latest tagged release version is published in the PyPI repository:

```
.. image:: https://badge.fury.io/py/idna.svg
   :target: http://badge.fury.io/py/idna
```

## Installation

-----

To install this library, you can use pip:

```
.. code-block:: bash
```

```
$ pip install idna
```

Alternatively, you can install the package using the bundled setup script:

```
.. code-block:: bash
```

```
$ python setup.py install
```

This library works with Python 2.7 and Python 3.4 or later.

## Usage

-----

For typical usage, the `encode` and `decode` functions will take a domain name argument and perform a conversion to A-labels or U-labels respectively.

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
```

.

You may use the codec encoding and decoding methods using the `idna.codec` module:

```
.. code-block:: pycon
```

```

# Python 2
>>> import idna.codec
>>> print u'.'.encode('idna')
xn--80ahd1agd.xn--80akhbyknj4f
>>> print 'xn--80ahd1agd.xn--80akhbyknj4f'.decode('idna')
.

```

Conversions can be applied at a per-label basis using the `u'label'` or `alabel'` functions if necessary:

.. code-block:: pycon

```

# Python 2
>>> idna.alabel(u'')
'xn--0zwm56d'

```

#### Compatibility Mapping (UTS #46)

+++++

As described in [RFC 5895](http://tools.ietf.org/html/rfc5895) [\[http://tools.ietf.org/html/rfc5895\]](http://tools.ietf.org/html/rfc5895), the IDNA specification no longer normalizes input from different potential ways a user may input a domain name. This functionality, known as a “mapping”, is now considered by the specification to be a local user-interface issue distinct from IDNA conversion functionality.

This library provides one such mapping, that was developed by the Unicode Consortium. Known as [Unicode IDNA Compatibility Processing](http://unicode.org/reports/tr46/) [\[http://unicode.org/reports/tr46/\]](http://unicode.org/reports/tr46/), it provides for both a regular mapping for typical applications, as well as a transitional mapping to help migrate from older IDNA 2003 applications.

For example, “Königsgäßchen” is not a permissible label as `*LATIN CAPITAL LETTER K*` is not allowed (nor are capital letters in general). UTS 46 will convert this into lower case prior to applying the IDNA conversion.

.. code-block:: pycon

```

# Python 3
>>> import idna
>>> idna.encode(u'Königsgäßchen')
...
idna.core.InvalidCodepoint: Codepoint U+004B at position 1 of 'Königsgäßchen' not allowed
>>> idna.encode('Königsgäßchen', uts46=True)
b'xn--knigsgchen-b4a3dun'
>>> print(idna.decode('xn--knigsgchen-b4a3dun'))
königsgäßchen

```

Transitional processing provides conversions to help transition from the older



2003 standard to the current standard. For example, in the original IDNA specification, the \*LATIN SMALL LETTER SHARP S\* (ß) was converted into two \*LATIN SMALL LETTER S\* (ss), whereas in the current IDNA specification this conversion is not performed.

.. code-block:: pycon

```
# Python 2
>>> idna.encode(u'Königsgäßchen', uts46=True, transitional=True)
'xn--knigsgsschen-lcb0w'
```

Implementors should use transitional processing with caution, only in rare cases where conversion from legacy labels to current labels must be performed (i.e. IDNA implementations that pre-date 2008). For typical applications that just need to convert labels, transitional processing is unlikely to be beneficial and could produce unexpected incompatible results.

`encodings.idna` Compatibility

+++++

Function calls from the Python built-in `encodings.idna` module are mapped to their IDNA 2008 equivalents using the `idna.compat` module. Simply substitute the `import` clause in your code to refer to the new module name.

Exceptions

-----

All errors raised during the conversion following the specification should raise an exception derived from the `idna.IDNAError` base class.

More specific exceptions that may be generated as `idna.IDNABidiError` when the error reflects an illegal combination of left-to-right and right-to-left characters in a label; `idna.InvalidCodepoint` when a specific codepoint is an illegal character in an IDN label (i.e. INVALID); and `idna.InvalidCodepointContext` when the codepoint is illegal based on its positional context (i.e. it is CONTEXTO or CONTEXTJ but the contextual requirements are not satisfied.)

Building and Diagnostics

-----

The IDNA and UTS 46 functionality relies upon pre-calculated lookup tables for performance. These tables are derived from computing against eligibility criteria in the respective standards. These tables are computed using the command-line script `tools/idna-data`.

This tool will fetch relevant tables from the Unicode Consortium and perform the required calculations to identify eligibility. It has three main modes:

\* `idna-data make-libdata`. Generates `idnadata.py` and `uts46data.py`, the pre-calculated lookup tables using for IDNA and UTS 46 conversions. Implementors who wish to track this library against a different Unicode version may use this tool to manually generate a different version of the `idnadata.py` and `uts46data.py` files.

\* `idna-data make-table`. Generate a table of the IDNA disposition (e.g. PVALID, CONTEXTJ, CONTEXTO) in the format found in Appendix B.1 of RFC 5892 and the pre-computed tables published by IANA <<http://iana.org/>>.

\* `idna-data U+0061`. Prints debugging output on the various properties associated with an individual Unicode codepoint (in this case, U+0061), that are used to assess the IDNA and UTS 46 status of a codepoint. This is helpful in debugging or analysis.

The tool accepts a number of arguments, described using `idna-data -h`. Most notably, the `--version` argument allows the specification of the version of Unicode to use in computing the table data. For example, `idna-data --version 9.0.0 make-libdata` will generate library data against Unicode 9.0.0.

Note that this script requires Python 3, but all generated library data will work in Python 2.7.

## Testing

-----

The library has a test suite based on each rule of the IDNA specification, as well as tests that are provided as part of the Unicode Technical Standard 46, 'Unicode IDNA Compatibility Processing' <<http://unicode.org/reports/tr46/>>.

The tests are run automatically on each commit at Travis CI:

```
.. image:: https://travis-ci.org/kjd/idna.svg?branch=master
   :target: https://travis-ci.org/kjd/idna
```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: System Administrators

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5  
Classifier: Programming Language :: Python :: 3.6  
Classifier: Topic :: Internet :: Name Service (DNS)  
Classifier: Topic :: Software Development :: Libraries :: Python Modules  
Classifier: Topic :: Utilities  
Requires-Python: >=2.7, !=3.0.\*, !=3.1.\*, !=3.2.\*, !=3.3.\*

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\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java  
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\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java  
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jar/io/netty/handler/ssl/SslContextBuilder.java  
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jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java  
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jar/io/netty/handler/ssl/ClientAuth.java  
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jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
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jar/io/netty/handler/ssl/util/LazyJavaxX509Certificate.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolNames.java
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jar/io/netty/handler/ssl/BouncyCastle.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/ssl/OpenSslClientSessionCache.java
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jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/ssl/AsyncRunnable.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/ssl/SslProtocols.java
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jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java
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jar/io/netty/handler/ssl/OpenSslAsyncPrivateKeyMethod.java
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jar/io/netty/handler/ssl/Ciphers.java
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jar/io/netty/handler/ssl/GroupsConverter.java

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jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-

jar/io/netty/handler/ssl/SslMasterKeyHandler.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-

jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-

jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-

jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-

jar/io/netty/handler/ssl/PseudoRandomFunction.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-

jar/io/netty/handler/address/DynamicAddressConnectHandler.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-

jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-

jar/io/netty/handler/address/package-info.java

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jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java  
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\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/ssl/PemEncoded.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/ssl/DelegatingSslContext.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/ssl/PemPrivateKey.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/ssl/OpenSslCertificateException.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/flow/package-info.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java  
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\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/PemValue.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java

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\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java  
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\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/logging/ByteBufFormat.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java  
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jar/io/netty/handler/timeout/TimeoutException.java
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jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/timeout/package-info.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/ssl/package-info.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/logging/LogLevel.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/stream/ChunkedStream.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/logging/package-info.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/stream/ChunkedInput.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/cola/permits/1509095619_1671044640.6558812/0/netty-handler-4-1-86-final-sources-
```



jar/io/netty/handler/stream/ChunkedWriteHandler.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/stream/ChunkedFile.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/timeout/IdleStateEvent.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/stream/package-info.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/timeout/IdleState.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/ssl/util/package-info.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/ssl/NotSslRecordException.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/stream/ChunkedNioStream.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/timeout/ReadTimeoutException.java  
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\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/pcap/EthernetPacket.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/pcap/PcapWriter.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/pcap/package-info.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/pcap/PcapHeaders.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/pcap/IPPacket.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-  
jar/io/netty/handler/pcap/PcapWriteHandler.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/pcap/UDPPacket.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/pcap/TCPpacket.java  
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Found in path(s):

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java  
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\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java

\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/Conscrypt.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java  
\* /opt/cola/permits/1509095619\_1671044640.6558812/0/netty-handler-4-1-86-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java

## 1.243 gorilla 1.4.2

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# 1.245 python 3.8.2-0ubuntu2

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This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.4   | 2.3   | 2004 | PSF | yes |
| 2.4.1 | 2.4   | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5   | 2.4   | 2006 | PSF | yes |
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |

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* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/Styler.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-
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 */
```

Found in path(s):

- \* /opt/cola/permits/1617269244\_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/MemoryStyleSource.java
- \* /opt/cola/permits/1617269244\_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleColor.java
- \* /opt/cola/permits/1617269244\_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleBundle.java
- \* /opt/cola/permits/1617269244\_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyledWriter.java
- \* /opt/cola/permits/1617269244\_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleBundleInvocationHandler.java
- \* /opt/cola/permits/1617269244\_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleResolver.java
- \* /opt/cola/permits/1617269244\_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/InterpolationHelper.java
- \* /opt/cola/permits/1617269244\_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/NopStyleSource.java

## 1.247 sqlite 3.31.1-4ubuntu0.5

### 1.247.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: sqlite3

Source: <https://www.sqlite.org/cgi/src/dir?ci=trunk>

Files: \*

Copyright: D. Richard Hipp <drh@hwaci.com>

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The files listed have been put on the public domain by the sqlite3 contributors.

Files: debian/\*

Copyright: 2006- Laszlo Boszormenyi (GCS) <gcs@debian.org>,

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# 1.248 gopherjs 0.0.0-20181017120253-0766667cb4d1

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<michael.vogt@canonical.com>

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## 1.250 zstd-jni 1.5.2-1

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Manifest-Version: 1.0

Automatic-Module-Name: com.github.luben.zstd\_jni

Bnd-LastModified: 1642851452470

Bundle-Description: JNI bindings for Zstd native library that provides fast and high compression lossless algorithm for Java and all JVM languages.

Bundle-License: <https://opensource.org/licenses/BSD-2-Clause>;description=BSD 2-Clause License

Bundle-ManifestVersion: 2

Bundle-Name: zstd-jni

Bundle-NativeCode: darwin/x86\_64/libzstd-jni-1.5.2-1.dylib;osname=MacOS;osname=MacOSX;processor=x86\_64, darwin/aarch64/libzstd-jni-1.5.2-1.dylib;osname=MacOS;osname=MacOSX;processor=aarch64, freebsd/amd64/libzstd-jni-1.5.2-1.so;osname=FreeBSD;processor=amd64, freebsd/i386/libzstd-jni-1.5.2-1.so;osname=FreeBSD;processor=i386, linux/aarch64/libzstd-jni-1.5.2-1.so;osname=Linux;processor=aarch64, linux/amd64/libzstd-jni-1.5.2-1.so;osname=Linux;processor=amd64, linux/arm/libzstd-jni-1.5.2-1.so;osname=Linux;processor=arm, linux/i386/libzstd-jni-1.5.2-1.so;osname=Linux;processor=i386, linux/mips64/libzstd-jni-1.5.2-1.so;osname=Linux;processor=mips64, linux/ppc64/libzstd-jni-1.5.2-1.so;osname=Linux;processor=ppc64, linux/ppc64le/libzstd-jni-1.5.2-1.so;osname=Linux;processor=ppc64le, linux/s390x/libzstd-jni-1.5.2-1.so;osname=Linux;processor=s390x, win/amd64/libzstd-jni-1.5.2-1.dll;osname=Win32;processor=amd64, win/x86/libzstd-jni-1.5.2-1.dll;osname=Win32;processor=x86

Bundle-SymbolicName: com.github.luben.zstd-jni

Bundle-Vendor: com.github.luben

Bundle-Version: 1.5.2.1

Created-By: 11.0.14 (Debian)

Export-Package: com.github.luben.zstd;version="1.5.2.1",com.github.luben.zstd.util;version="1.5.2.1"

Implementation-Title: zstd-jni

Implementation-Vendor: com.github.luben

Implementation-Vendor-Id: com.github.luben

Implementation-Version: 1.5.2-1

Import-Package: org.osgi.framework;resolution:=optional

Private-Package: linux.amd64,linux.i386,linux.aarch64,linux.arm,linux.ppc64,linux.ppc64le,linux.mips64,linux.s390x,darwin.x86\_64,darwin.aarch64,win.amd64,win.x86,freebsd.amd64,freebsd.i386

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=11.0))"

Specification-Title: zstd-jni

Specification-Vendor: com.github.luben

Specification-Version: 1.5.2-1

Tool: Bnd-4.0.0.201805111645

Found in path(s):

\* /opt/cola/permits/1337889408\_1654234488.39181/0/zstd-jni-1-5-2-1-jar/META-INF/MANIFEST.MF

## 1.251 paranamer 2.8

### 1.251.1 Available under license :

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## 1.252 lockfile 0.12.2

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.\" @(#)bitstring.3 5.1 (Berkeley) 12/13/89
.\"",
```

Found in path(s):

```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/bitstring.3
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```

```
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Found in path(s):

```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/Makefile
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```

```
/*
```

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*/
```

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\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/misc.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/job.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/compat.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/do\_command.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/user.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/config.h

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/entry.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/cron.h

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/crontab.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/env.c

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/cron.c

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\*/

\$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp \$

Read the comments at the top of the Makefile, then edit the area marked 'configurable stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since both the daemon and the `crontab' program will do this the first time they run if they don't exist. You do need to have a /var, though -- just "mkdir /var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var" if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for `man' and you probably do not. Therefore you may have to put the man pages into /usr/man/man1, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows \_PATH\_SENDMAIL to be /usr/bin/sendmail even though sendmail is installed in /usr/lib. you should check this out.

say:  
make all

su and say:  
make install

Note that if I can get you to "su and say" something just by asking, you have a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file for help on this.

Use the `crontab' command to install all the little pieces you just created. Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the .src files are copied at the time the command is issued; changing the source files later will have no effect until they are reinstalled with another `crontab -r' command. (2) The crontab command will affect the crontab of the person using the command unless `-u USER' is given; `-u' only works for root. When using most `su' commands under most BSD's, `crontab' will still think of you as yourself even though you may think of yourself as root -- so use `-u' liberally. (3) the `-r' option stands for `replace'; check the man page for crontab(1) for other possibilities.

Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no '&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):

```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/INSTALL
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.\" */
```

```
.\n
.\n $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $\n
.\n
```

Found in path(s):

```
*/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/crontab.1
```

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*/
```

Found in path(s):

```
*/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/compat.h
*/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/pathnames.h
*/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/externs.h
```

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.\n * I'll try to keep a version up to date. I can be reached as follows:
.\n * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\n */
.\n
```

.\ " \$Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp \$

.\ "

Found in path(s):

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/cron.8

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\* @(#)bitstring.h 5.2 (Berkeley) 4/4/90

\*/

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```
.\ " */
.\ "
.\ " $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\ "
```

Found in path(s):

```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/crontab.5
```

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# * Send bug reports, bug fixes, enhancements, requests, flames, etc., and
# * I'll try to keep a version up to date. I can be reached as follows:
# * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
# */
```

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

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To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

(both of these files have instructions inside; note that some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)

'make'

'su' and 'make install'

(you may have to install the man pages by hand)

kill your existing cron process

(actually you can run your existing cron if you want, but why?)

build new crontabs using /usr/lib/{crontab,crontab.local}

(either put them all in "root"'s crontab, or divide it up and rip out all the 'su' commands, collapse the lengthy lists into ranges with steps -- basically, this step is as much work as you want to make it)

start up the new cron

(must be done as root)

watch it. test it with 'crontab -r' and watch the daemon track your changes.

if you like it, change your /etc/{rc,rc.local} to use it instead of the old one.

\$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp \$

Found in path(s):

\* /opt/cola/permits/1029757352\_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/README

# 1.254 golang 1.18.10

## 1.254.1 Available under license :

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 */
```

Found in path(s):

```
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/Proxy.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/compiler/ast/Visitor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/compiler/ast/Member.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/tools/reflect/CannotInvokeException.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/CtNewWrappedConstructor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/LoaderClassPath.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/tools/rmi/AppletServer.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtConstructor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/tools/rmi/ObjectNotFoundException.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/compiler/ast/ArrayInit.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/bytecode/Mnemonic.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewClass.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
jar/javassist/bytecode/SignatureAttribute.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtArray.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
```



jar/javassist/convert/TransformNewClass.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/Parser.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/util/proxy/DefineClassHelper.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/analysis/SubroutineScanner.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtMember.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/ExceptionTable.java  
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\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/InstructionPrinter.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/NestMembersAttribute.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/reflect/CannotReflectException.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java  
\* /opt/cola/permits/1135872664\_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/LocalVariableAttribute.java  
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The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete--if you believe you should be listed, please send a note to [sudo@sudo.ws](mailto:sudo@sudo.ws).

Ackeret, Matt  
Adler, Mark  
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Andric, Dimitry  
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Bates, Tom  
Behan, Zdenk  
Bellis, Ray  
Benali, Elias  
Beverly, Jamie  
Boardman, Spider  
Bos, Sander  
Bostley, P.J.  
Bowes, Keith  
Boyce, Keith Garry  
Brantley, Michael  
Braun, Rob  
Bezina, Pavel  
Brooks, Piete  
Brown, Jerry  
Burr, Michael E  
Burton, Ross  
Bussjaeger, Andreas  
Calvin, Gary  
Campbell, Aaron  
Chazelas, Stephane  
Cheloha, Scott  
ek, Vtzslav  
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Earickson, Jeff  
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Edgington, Ben  
Esipovich, Marc  
Espie, Marc  
Faigon, Ariel  
Farrell, Brian  
Fobes, Steve

Frysinger, Mike  
G., Daniel Richard  
Gailly, Jean-loup  
Gelman, Stephen  
Gerraty, Simon J.  
Graber, Stephane  
Guillory, B.  
Hayman, Randy M.  
Henke, Joachim  
Hideaki, Yoshifuji  
Hieb, Dave  
Holloway, Nick  
Hoover, Adam  
Hunter, Michael T.  
Hutchings, Ben  
Irrgang, Eric  
Jackson, Brian  
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Janssen, Mark  
Jepeway, Chris  
Jorge, Joel Pele  
Jover, Guillem  
Juhani, Timo  
Kikuchi, Ayamura  
Kadow, Kevin  
Kasal, Stepan  
Kienenberger, Mike  
King, Dale  
King, Michael  
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Knoble, Jim  
Knox, Tim  
Komarnitsky, Alek O.  
Kondrashov, Nikolai  
Kopeek, Daniel  
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Krause, David  
Lakin, Eric  
Larsen, Case  
Levin, Dmitry V.  
Libby, Kendall  
Lobbes, Phillip E.  
McIntyre, Jason  
MacKenzie, David J.  
McLaughlin, Tom  
Makey, Jeff  
Mallayya, Sangamesh

Marchionna, Michael D.  
Markham, Paul  
Martinian, Emin  
Meskes, Michael  
Michael, David  
Miller, Todd C.  
Minier, Loc  
Moffat, Darren  
Moldung, Jan Thomas  
Morris, Charles  
Mueller, Andreas  
Mller, Dworkin  
Nieusma, Jeff  
Nikitser, Peter A.  
Nussel, Ludwig  
Ouellet, Jean-Philippe  
Paquet, Eric  
Paradis, Chantal  
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Percival, Ted  
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Peron, Christian S.J.  
Peschel, Aaron  
Peslyak, Alexander  
Peterson, Toby  
Petten, Diego Elio  
Pickett, Joel  
Plotnick, Alex  
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Reid, Steve  
Richards, Matt  
Rossum, Guido van  
Rouillard, John P.  
Rowe, William A., Jr.  
Roy, Alain  
Ruusame, Elan  
Ryabinkin, Eygene  
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Snchez, Wilfredo  
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Sasaki, Kan  
Saucier, Jean-Francois  
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Spangler, Aaron  
Spradling, Cloyce D.  
Spradling, Michael  
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Wagner, Klaus  
Walsh, Dan  
Warburton, John  
Webb, Kirk  
Wetzel, Timm  
Wieringen, Marco van  
Wilk, Jakub  
Winiger, Gary  
Wood, David  
Zacarias, Gustavo  
Zolnowsky, John

The following people have worked to translate sudo into other languages as part of the Translation Project, see <https://translationproject.org> for more details.

Albuquerque, Pedro  
Blttermann, Mario  
Bogusz, Jakub  
Buo-ren, Lin  
Casagrande, Milo  
Castro, Felipe  
Cho, Seong-ho

Chornoivan, Yuri  
Diguez, Francisco  
Fontenelle, Rafael  
Garca-Fontes, Walter  
Gezer, Volkan  
Hamasaki, Takeshi  
Hamming, Peter  
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Regueiro, Leandro  
Sarar, zgr  
Sendn, Abel  
Sikrom, ka  
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Vorotnikov, Artem  
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include/bsd/vis.h  
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man/errc.3bsd  
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man/wcsncpy.3bsd  
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src/fmtcheck.c

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Files:

include/bsd/readpassphrase.h

man/readpassphrase.3bsd

man/strncpy.3bsd

man/strtonum.3bsd

src/arc4random.c

src/arc4random\_linux.h

src/arc4random\_openbsd.h

src/arc4random\_uniform.c

src/arc4random\_unix.h

src/arc4random\_win.h

src/closefrom.c

src/getentropy\_aix.c

src/getentropy\_bsd.c

src/getentropy\_hpux.c

src/getentropy\_hurd.c

src/getentropy\_linux.c

src/getentropy\_osx.c

src/getentropy\_solaris.c

src/getentropy\_win.c

src/readpassphrase.c

src/reallocarray.c

src/strlcat.c

src/strncpy.c

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Files:

src/inet\_net\_pton.c

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src/hash/md5.c

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src/explicit\_bzero.c

src/chacha\_private.h

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src/hash/helper.c

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

Files: \*

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```
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```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

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## 1.261 dropwizard-servlets 1.3.29

## 1.261.1 Available under license :

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# 1.262 blang-semver 4.0.0

## 1.262.1 Available under license :

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# 1.263 go-md2man 2.0.2

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## 1.264 x-tools 0.1.12

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```
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```

```
package hooks
```

```
import (  
    "bytes"
```



```

"io/ioutil"
"os/exec"
"runtime"
"testing"

"golang.org/x/tools/internal/testenv"
)

func TestLicenses(t *testing.T) {
    // License text differs for older Go versions because staticcheck isn't
    // supported for those versions.
    testenv.NeedsGo1Point(t, 17)

    if runtime.GOOS != "linux" && runtime.GOOS != "darwin" {
        t.Skip("generating licenses only works on Unices")
    }
    tmp, err := ioutil.TempFile("", "")
    if err != nil {
        t.Fatal(err)
    }
    tmp.Close()

    if out, err := exec.Command("./gen-licenses.sh", tmp.Name()).CombinedOutput(); err != nil {
        t.Fatalf("generating licenses failed: %q, %v", out, err)
    }

    got, err := ioutil.ReadFile(tmp.Name())
    if err != nil {
        t.Fatal(err)
    }
    want, err := ioutil.ReadFile("licenses.go")
    if err != nil {
        t.Fatal(err)
    }
    if !bytes.Equal(got, want) {
        t.Error("combined license text needs updating. Run: `go generate ./internal/hooks` from the gopls module.")
    }
}

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//go:build go1.18
// +build go1.18

// Package copyright checks that files have the correct copyright notices.
package copyright

```

```

import (
    "go/ast"
    "go/parser"
    "go/token"
    "io/fs"
    "io/ioutil"
    "path/filepath"
    "regexp"
    "strings"
)

func checkCopyright(dir string) ([]string, error) {
    var files []string
    err := filepath.WalkDir(dir, func(path string, d fs.DirEntry, err error) error {
        if err != nil {
            return err
        }
        if d.IsDir() {
            // Skip directories like ".git".
            if strings.HasPrefix(d.Name(), ".") {
                return filepath.SkipDir
            }
            // Skip any directory that starts with an underscore, as the go
            // command would.
            if strings.HasPrefix(d.Name(), "_") {
                return filepath.SkipDir
            }
        }
        return nil
    })
    needsCopyright, err := checkFile(dir, path)
    if err != nil {
        return err
    }
    if needsCopyright {
        files = append(files, path)
    }
    return files, err
}

```

var copyrightRe = regexp.MustCompile(`Copyright \d{4} The Go Authors. All rights reserved.  
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license that can be found in the LICENSE file.`)

```

func checkFile(toolsDir, filename string) (bool, error) {
    // Only check Go files.
    if !strings.HasSuffix(filename, ".go") {

```

```

return false, nil
}
// Don't check testdata files.
normalized := strings.TrimPrefix(filepath.ToSlash(filename), filepath.ToSlash(toolsDir))
if strings.Contains(normalized, "/testdata/") {
return false, nil
}
// goyacc is the only file with a different copyright header.
if strings.HasSuffix(normalized, "cmd/goyacc/yacc.go") {
return false, nil
}
content, err := ioutil.ReadFile(filename)
if err != nil {
return false, err
}
fset := token.NewFileSet()
parsed, err := parser.ParseFile(fset, filename, content, parser.ParseComments)
if err != nil {
return false, err
}
// Don't require headers on generated files.
if isGenerated(fset, parsed) {
return false, nil
}
shouldAddCopyright := true
for _, c := range parsed.Comments {
// The copyright should appear before the package declaration.
if c.Pos() > parsed.Package {
break
}
if copyrightRe.MatchString(c.Text()) {
shouldAddCopyright = false
break
}
}
return shouldAddCopyright, nil
}

// Copied from golang.org/x/tools/internal/lsp/source/util.go.
// Matches cgo generated comment as well as the proposed standard:
//
// https://golang.org/s/generatedcode
var generatedRx = regexp.MustCompile(`// .*DO NOT EDIT\.?`)

func isGenerated(fset *token.FileSet, file *ast.File) bool {
for _, commentGroup := range file.Comments {
for _, comment := range commentGroup.List {
if matched := generatedRx.MatchString(comment.Text); !matched {

```

```

    continue
}
// Check if comment is at the beginning of the line in source.
if pos := fset.Position(comment.Slash); pos.Column == 1 {
    return true
}
}
}
return false
}

```

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//go:generate ./gen-licenses.sh licenses.go

package hooks

const licensesText = `

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// +build go1.18



```

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import (
    "os"
    "path/filepath"
    "strings"
    "testing"
)

func TestToolsCopyright(t *testing.T) {
    cwd, err := os.Getwd()
    if err != nil {
        t.Fatal(err)
    }
    tools := filepath.Dir(cwd)
    if !strings.HasSuffix(filepath.Base(tools), "tools") {
        t.Fatalf("current working directory is %s, expected tools", tools)
    }
    files, err := checkCopyright(tools)
    if err != nil {
        t.Fatal(err)
    }
    if len(files) > 0 {
        t.Errorf("The following files are missing copyright notices:\n%s", strings.Join(files, "\n"))
    }
}

```

# 1.265 tomcat-jdbc 9.0.75

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# 1.266 zap 1.19.0

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# 1.267 go-ole-go-ole 1.2.6

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## 1.269 pierrec-lz4 2.6.0+incompatible

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## 1.270 jetty-util-ajax 9.4.49.v20220914

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Eclipse

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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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## Oracle OpenJDK

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\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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## OW2

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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## Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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## MortBay

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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## 1.271 bean-validation-api 2.0.1.Final

### 1.271.1 Available under license :

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## 1.272 vim 8.1.2269-1ubuntu5.15

## 1.273 jetty-util-ajax 9.4.35.v20201120

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Eclipse

The following artifacts are EPL.

- \* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

- \* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- \* org.eclipse.jetty.orbit:javafx.mail.glassfish

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Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

- org.ow2.asm:asm-commons
- org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

# 1.274 jansson 2.12-1build1

## 1.274.1 Available under license :

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# 1.275 simpleclient-dropwizard 0.9.0

## 1.275.1 Available under license :

Apache-2.0

# 1.276 libpng 1.6.37-2

## 1.276.1 Available under license :

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## 1.279 go-grpc-prometheus 1.2.0

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Metadata-Version: 1.2

Name: MarkupSafe

Version: 1.1.0

Summary: Safely add untrusted strings to HTML/XML markup.

Home-page: <https://www.palletsprojects.com/p/markupsafe/>

Author: Armin Ronacher

Author-email: armin.ronacher@active-4.com  
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Description: MarkupSafe

=====

MarkupSafe implements a text object that escapes characters so it is safe to use in HTML and XML. Characters that have special meanings are replaced so that they display as the actual characters. This mitigates injection attacks, meaning untrusted user input can safely be displayed on a page.

## Installing

-----

Install and update using `pip`_``:

```
.. code-block:: text
```

```
    pip install -U MarkupSafe
```

```
.. _pip: https://pip.pypa.io/en/stable/quickstart/
```

## Examples

-----

```
.. code-block:: pycon
```

```
>>> from markupsafe import Markup, escape
>>> # escape replaces special characters and wraps in Markup
>>> escape('<script>alert(document.cookie);</script>')
Markup(u'&lt;script&gt;alert(document.cookie);&lt;/script&gt;')
>>> # wrap in Markup to mark text "safe" and prevent escaping
>>> Markup('<strong>Hello</strong>')
Markup('<strong>hello</strong>')
>>> escape(Markup('<strong>Hello</strong>'))
Markup('<strong>hello</strong>')
>>> # Markup is a text subclass (str on Python 3, unicode on Python 2)
>>> # methods and operators escape their arguments
>>> template = Markup("Hello <em>%s</em>")
>>> template % "World"
Markup('Hello <em>&#34;World&#34;</em>')
```

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Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Web Environment

Classifier: Intended Audience :: Developers

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Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

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Requires-Python: >=2.7,!3.0.\*,!=3.1.\*,!=3.2.\*,!=3.3.\*



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\* /opt/cola/permits/1128978950\_1612138213.64/0/markupsafe-1-1-0-orig-1-tar-gz/MarkupSafe-1.1.0/src/markupsafe/\_\_init\_\_.py

\* /opt/cola/permits/1128978950\_1612138213.64/0/markupsafe-1-1-0-orig-1-tar-gz/MarkupSafe-1.1.0/src/markupsafe/\_native.py

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```
/**
 * markupsafe._speedups
 * ~~~~~
 *
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## 1.286 kubernetes-model-common 6.5.1

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\* /opt/cola/permits/1634239315\_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/jackson/SettableBeanPropertyDelegate.java

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\* /opt/cola/permits/1634239315\_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/jackson/UnwrappedTypeResolverBuilder.java

## 1.287 libonig 6.9.4-1

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## 1.289 xml-apis 1.3.04

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David Megginson, [david@megginson.com](mailto:david@megginson.com)  
2000-05-05

# 1.290 grpc-gateway 1.11.0

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# 1.291 e2fsprogs 1.45.5-2ubuntu1.1

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LD_FLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;' /$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs
```

uninstall-shlibs uninstall::

```
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

clean::

```
$(RM) -rf pic
```

```
$(RM) -f $(BSD_LIB)
```

```
$(RM) -f ../$(BSD_LIB)
```

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

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Index: tdbsa/tdb.c

-----  
--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

\*/

/\*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version
  
- trivial database library - private includes
- 
- Copyright (C) Andrew Tridgell           2005
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- + Copyright (C) Jeremy Allison           2000-2006
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Theodore Ts'o  
23-June-2007

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
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This package was put together by Yann Dirson <dirson@debian.org>,  
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Gadi Oxman, August 1995

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```
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```

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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## 1.292 pierrec-lz4 2.2.6+incompatible

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\* /opt/cola/permits/1173095378\_1623434331.78/0/sailfishos-mirror-markupsafe-2-0-1-0-g7666dff-1-targz/sailfishos-mirror-markupsafe-dfb5bc1/LICENSE.rst

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# 1.296 kubernetes-klog 2.80.1

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## 1.304 grpc-ecosystem-go-grpc-middleware

### 1.3.0

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## 1.306 libnss-nisplus 2.31

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## 1.308 scala-logging\_2.13 3.9.4

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```

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## 1.323 go-uber-org-multierr 1.1.0

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## 1.324 tacacs-plus 2.6

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Upstream Authors:

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jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
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jar/io/netty/channel/PendingBytesTracker.java
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jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java  
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- \* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-

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jar/io/netty/channel/AddressedEnvelope.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/ChannelHandlerAdapter.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/ConnectTimeoutException.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/group/ChannelGroup.java
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```
Found in path(s):
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/META-INF/native-
image/io.netty.netty-transport/native-image.properties
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```
Found in path(s):
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/oio/OioByteStreamChannel.java
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Found in path(s):

\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/socket/nio/NioSocketChannel.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/AbstractServerChannel.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/oio/AbstractOioMessageChannel.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/socket/InternetProtocolFamily.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/socket/SocketChannelConfig.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/bootstrap/Bootstrap.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/ChannelDuplexHandler.java  
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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java  
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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/nio/NioEventLoopGroup.java  
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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/group/CombinedIterator.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/nio/AbstractNioChannel.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/package-info.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-

jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java  
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jar/io/netty/channel/DefaultEventLoop.java  
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jar/io/netty/channel/ChannelConfig.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/socket/package-info.java  
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jar/io/netty/channel/group/ChannelGroupFutureListener.java  
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jar/io/netty/channel/EventLoopException.java  
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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/nio/package-info.java  
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jar/io/netty/channel/ChannelOutboundHandlerAdapter.java  
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jar/io/netty/channel/ChannelFlushPromiseNotifier.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/nio/NioEventLoop.java  
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jar/io/netty/channel/ChannelHandlerContext.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/ChannelPromiseAggregator.java  
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jar/io/netty/channel/VoidChannelPromise.java  
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jar/io/netty/channel/FailedChannelFuture.java  
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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/SucceededChannelFuture.java  
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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
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jar/io/netty/channel/nio/AbstractNioMessageChannel.java  
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jar/io/netty/channel/DefaultChannelConfig.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
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* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/oio/package-info.java
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jar/io/netty/channel/embedded/EmbeddedChannel.java
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* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/ChannelPromiseNotifier.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/embedded/EmbeddedEventLoop.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/Channel.java
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* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/META-  
INF/maven/io.netty/netty-transport/pom.xml
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* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/socket/DuplexChannelConfig.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/StacklessClosedChannelException.java
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```
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/pool/ChannelHealthChecker.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/pool/package-info.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/pool/AbstractChannelPoolMap.java
* /opt/cola/permits/1509095609_1671044607.123572/0/netty-transport-4-1-86-final-sources-
jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
```

\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/pool/SimpleChannelPool.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/pool/FixedChannelPool.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/pool/ChannelPool.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/pool/ChannelPoolMap.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/pool/ChannelPoolHandler.java

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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/PendingWriteQueue.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/ChannelFactory.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/ReflectiveChannelFactory.java

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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/SimpleUserEventChannelHandler.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/socket/nio/NioChannelOption.java

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jar/io/netty/channel/socket/nio/SelectorProviderUtil.java

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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/DefaultChannelHandlerContext.java

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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/socket/DuplexChannel.java

\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/ChannelInboundInvoker.java

\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/SelectStrategy.java

\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java

\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/PreferHeapByteBufAllocator.java

\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java

\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-

jar/io/netty/channel/DefaultSelectStrategy.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/SelectStrategyFactory.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/DefaultSelectStrategyFactory.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/WriteBufferWaterMark.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/channel/group/VoidChannelGroupFuture.java  
\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-  
jar/io/netty/bootstrap/BootstrapConfig.java

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\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/EventLoopTaskQueueFactory.java

\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/ExtendedClosedChannelException.java

\* /opt/cola/permits/1509095609\_1671044607.123572/0/netty-transport-4-1-86-final-sources-jar/io/netty/channel/ChannelHandlerMask.java

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/\*\*

\* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in

\* its { @link ChannelPipeline }.

\*

\* <h3>Sub-types</h3>

\* <p>

\* { @link ChannelHandler } itself does not provide many methods, but you usually have to implement one of its subtypes:

\* <ul>

\* <li>{ @link ChannelInboundHandler } to handle inbound I/O events, and</li>

\* <li>{ @link ChannelOutboundHandler } to handle outbound I/O operations.</li>

\* </ul>

\* </p>

\* <p>

\* Alternatively, the following adapter classes are provided for your convenience:

\* <ul>

\* <li>{ @link ChannelInboundHandlerAdapter } to handle inbound I/O events,</li>

\* <li>{ @link ChannelOutboundHandlerAdapter } to handle outbound I/O operations, and</li>

\* <li>{ @link ChannelDuplexHandler } to handle both inbound and outbound events</li>

\* </ul>

\* </p>

\* <p>



\* For more information, please refer to the documentation of each subtype.

\* </p>

\*

\* <h3>The context object</h3>

\* <p>

\* A { @link ChannelHandler } is provided with a { @link ChannelHandlerContext }

\* object. A { @link ChannelHandler } is supposed to interact with the

\* { @link ChannelPipeline } it belongs to via a context object. Using the

\* context object, the { @link ChannelHandler } can pass events upstream or

\* downstream, modify the pipeline dynamically, or store the information

\* (using { @link AttributeKey }s) which is specific to the handler.

\*

\* <h3>State management</h3>

\*

\* A { @link ChannelHandler } often needs to store some stateful information.

\* The simplest and recommended approach is to use member variables:

\* <pre>

\* public interface Message {

\* // your methods here

\* }

\*

\* public class DataServerHandler extends { @link SimpleChannelInboundHandler }&lt;Message&gt; {

\*

\* <b>private boolean loggedIn;</b>

\*

\* { @code @Override }

\* public void channelRead0({ @link ChannelHandlerContext } ctx, Message message) {

\* if (message instanceof LoginMessage) {

\* authenticate((LoginMessage) message);

\* <b>loggedIn = true;</b>

\* } else (message instanceof GetDataMessage) {

\* if (<b>loggedIn</b>) {

\* ctx.writeAndFlush(fetchSecret((GetDataMessage) message));

\* } else {

\* fail();

\* }

\* }

\* }

\* ...

\* }

\* </pre>

\* Because the handler instance has a state variable which is dedicated to

\* one connection, you have to create a new handler instance for each new

\* channel to avoid a race condition where a unauthenticated client can get

\* the confidential information:

\* <pre>

\* // Create a new handler instance per channel.

\* // See { @link ChannelInitializer#initChannel(Channel)}.

```
* public class DataServerInitializer extends { @link ChannelInitializer}&lt;&gt;{ @link Channel}&gt; {
*   { @code @Override}
*   public void initChannel({ @link Channel} channel) {
*     channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*   }
* }
*
* </pre>
```

\* <h4>Using { @link AttributeKey}s</h4>

\* Although it's recommended to use member variables to store the state of a handler, for some reason you might not want to create many handler instances.

\* In such a case, you can use { @link AttributeKey}s which is provided by { @link ChannelHandlerContext}:

```
* <pre>
* public interface Message {
*   // your methods here
* }
*
* { @code @Sharable}
* public class DataServerHandler extends { @link SimpleChannelInboundHandler}&lt;&gt;Message&gt; {
*   private final { @link AttributeKey}&lt;&gt;{ @link Boolean}&gt; auth =
*     { @link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*   { @code @Override}
*   public void channelRead({ @link ChannelHandlerContext} ctx, Message message) {
*     { @link Attribute}&lt;&gt;{ @link Boolean}&gt; attr = ctx.attr(auth);
*     if (message instanceof LoginMessage) {
*       authenticate((LoginMessage) o);
*       <b>attr.set(true)</b>;
*     } else (message instanceof GetDataMessage) {
*       if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*         ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*       } else {
*         fail();
*       }
*     }
*   }
* }
* ...
* }
* </pre>
```

\* Now that the state of the handler is attached to the { @link ChannelHandlerContext}, you can add the same handler instance to different pipelines:

```
* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer}&lt;&gt;{ @link Channel}&gt; {
*
*   private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
```

```

*
*  { @code @Override}
*  public void initChannel({ @link Channel} channel) {
*      channel.pipeline().addLast("handler", <b>SHARED</b>);
*  }
* }
* </pre>
*
*
* <h4>The { @code @Sharable} annotation</h4>
* <p>
* In the example above which used an { @link AttributeKey},
* you might have noticed the { @code @Sharable} annotation.
* <p>
* If a { @link ChannelHandler} is annotated with the { @code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more { @link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the { @link ChannelHandler}, and
* { @link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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# 1.335 viper 1.8.1

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```

```
io.fabric8.kubernetes.client.okhttp.OkHttpClientFactory
```

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```
* /opt/cola/permits/1634239294_1681828841.403642/0/kubernetes-httpclient-okhttp-6-5-1-sources-jar/META-INF/services/io.fabric8.kubernetes.client.http.HttpClient$Factory  
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* /opt/cola/permits/1634239294_1681828841.403642/0/kubernetes-httpclient-okhttp-6-5-1-sources-jar/io/fabric8/kubernetes/client/okhttp/OkHttpClientFactory.java
```

```
* /opt/cola/permits/1634239294_1681828841.403642/0/kubernetes-httpclient-okhttp-6-5-1-sources-jar/io/fabric8/kubernetes/client/okhttp/OkHttpClientBuilderImpl.java
```

```
* /opt/cola/permits/1634239294_1681828841.403642/0/kubernetes-httpclient-okhttp-6-5-1-sources-jar/io/fabric8/kubernetes/client/okhttp/OkHttpWebSocketImpl.java
```

```
* /opt/cola/permits/1634239294_1681828841.403642/0/kubernetes-httpclient-okhttp-6-5-1-sources-jar/io/fabric8/kubernetes/client/okhttp/OkHttpClientImpl.java
```

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\* /opt/cola/permits/1344982361\_1655293790.326259/0/cas-client-support-saml-3-4-1-sources-jar/org/jasig/cas/client/validation/Saml11TicketValidationFilter.java

\* /opt/cola/permits/1344982361\_1655293790.326259/0/cas-client-support-saml-3-4-1-sources-jar/org/jasig/cas/client/authentication/Saml11AuthenticationFilter.java

# 1.339 mchange-commons-java 0.2.15

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Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following  
artifacts may be included in the distribution or downloaded when ALPN  
module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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# 1.345 open-ldap 2.4.49+dfsg-2ubuntu1.9

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived | Year | Owner | GPL-            |
|---------|---------|------|-------|-----------------|
|         | from    |      |       | compatible? (1) |

|                |           |           |            |         |
|----------------|-----------|-----------|------------|---------|
| 0.9.0 thru 1.2 |           | 1991-1995 | CWI        | yes     |
| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes     |
| 1.6            | 1.5.2     | 2000      | CNRI       | no      |
| 2.0            | 1.6       | 2000      | BeOpen.com | no      |
| 1.6.1          | 1.6       | 2001      | CNRI       | yes (2) |
| 2.1            | 2.0+1.6.1 | 2001      | PSF        | no      |
| 2.0.1          | 2.0+1.6.1 | 2001      | PSF        | yes     |
| 2.1.1          | 2.1+2.0.1 | 2001      | PSF        | yes     |
| 2.1.2          | 2.1.1     | 2002      | PSF        | yes     |
| 2.1.3          | 2.1.2     | 2002      | PSF        | yes     |
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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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## 1.357 dropwizard-client 1.3.29

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## 1.358 python-certifi 2021.10.8

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

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Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

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contextlib2 is a derivative of the contextlib module distributed by the PSF as part of the Python standard library. According, it is itself redistributed under the PSF license (reproduced in full below). As the contextlib module was added only in Python 2.5, the licenses for earlier Python versions are not applicable and have not been included.

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the

software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|---------|--------------|------|-------|---------------------|
| 2.5     | 2.4          | 2006 | PSF   | yes                 |
| 2.5.1   | 2.5          | 2007 | PSF   | yes                 |
| 2.5.2   | 2.5.1        | 2008 | PSF   | yes                 |
| 2.5.3   | 2.5.2        | 2008 | PSF   | yes                 |
| 2.6     | 2.5          | 2008 | PSF   | yes                 |
| 2.6.1   | 2.6          | 2008 | PSF   | yes                 |
| 2.6.2   | 2.6.1        | 2009 | PSF   | yes                 |
| 2.6.3   | 2.6.2        | 2009 | PSF   | yes                 |
| 2.6.4   | 2.6.3        | 2009 | PSF   | yes                 |
| 2.6.5   | 2.6.4        | 2010 | PSF   | yes                 |
| 3.0     | 2.6          | 2008 | PSF   | yes                 |
| 3.0.1   | 3.0          | 2009 | PSF   | yes                 |
| 3.1     | 3.0.1        | 2009 | PSF   | yes                 |
| 3.1.1   | 3.1          | 2009 | PSF   | yes                 |
| 3.1.2   | 3.1.1        | 2010 | PSF   | yes                 |
| 3.1.3   | 3.1.2        | 2010 | PSF   | yes                 |
| 3.1.4   | 3.1.3        | 2011 | PSF   | yes                 |
| 3.2     | 3.1          | 2011 | PSF   | yes                 |
| 3.2.1   | 3.2          | 2011 | PSF   | yes                 |
| 3.2.2   | 3.2.1        | 2011 | PSF   | yes                 |
| 3.3     | 3.2          | 2012 | PSF   | yes                 |

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related



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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
| 2.4.4          | 2.4.3        | 2006      | PSF        | yes                 |
| 2.5            | 2.4          | 2006      | PSF        | yes                 |
| 2.5.1          | 2.5          | 2007      | PSF        | yes                 |
| 2.5.2          | 2.5.1        | 2008      | PSF        | yes                 |
| 2.5.3          | 2.5.2        | 2008      | PSF        | yes                 |
| 2.6            | 2.5          | 2008      | PSF        | yes                 |
| 2.6.1          | 2.6          | 2008      | PSF        | yes                 |
| 2.6.2          | 2.6.1        | 2009      | PSF        | yes                 |
| 2.6.3          | 2.6.2        | 2009      | PSF        | yes                 |
| 2.6.4          | 2.6.3        | 2009      | PSF        | yes                 |
| 2.6.5          | 2.6.4        | 2010      | PSF        | yes                 |
| 3.0            | 2.6          | 2008      | PSF        | yes                 |
| 3.0.1          | 3.0          | 2009      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
| 3.1.2 | 3.1   | 2010 | PSF | yes |
| 3.2   | 3.1   | 2010 | PSF | yes |

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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# 1.364 openjdk-jre 1.8.0u372

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2000-01-14

# 1.365 rtmpdump 2.4+20151223.gitfa8646d.1-2build1

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Version 2.1, February 1999

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# 1.366 go-toml 1.8.1

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```
package api
```

```
import (  
    "io/ioutil"  
    "strings"  
    "time"  
)
```

```
type License struct {  
    // The unique identifier of the license  
    LicenseID string `json:"license_id"`  
  
    // The customer ID associated with the license  
    CustomerID string `json:"customer_id"`  
  
    // If set, an identifier that should be used to lock the license to a  
    // particular site, cluster, etc.  
    InstallationID string `json:"installation_id"`  
  
    // The time at which the license was issued  
    IssueTime time.Time `json:"issue_time"`  
  
    // The time at which the license starts being valid  
    StartTime time.Time `json:"start_time"`  
  
    // The time after which the license expires  
    ExpirationTime time.Time `json:"expiration_time"`  
  
    // The time at which the license ceases to function and can  
    // no longer be used in any capacity  
    TerminationTime time.Time `json:"termination_time"`  
  
    // The product the license is valid for  
    Product string `json:"product"`  
  
    // License Specific Flags  
    Flags map[string]interface{} `json:"flags"`  
  
    // Modules is a list of the licensed enterprise modules  
    Modules []string `json:"modules"`  
  
    // List of features enabled by the license  
    Features []string `json:"features"`  
}
```

```

type LicenseReply struct {
    Valid bool
    License *License
    Warnings []string
}

func (op *Operator) LicenseGet(q *QueryOptions) (*LicenseReply, error) {
    var reply LicenseReply
    if _, err := op.c.query("/v1/operator/license", &reply, q); err != nil {
        return nil, err
    } else {
        return &reply, nil
    }
}

func (op *Operator) LicenseGetSigned(q *QueryOptions) (string, error) {
    r := op.c.newRequest("GET", "/v1/operator/license")
    r.params.Set("signed", "1")
    r.setQueryOptions(q)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return "", err
    }
    defer resp.Body.Close()

    data, err := ioutil.ReadAll(resp.Body)
    if err != nil {
        return "", err
    }

    return string(data), nil
}

// LicenseReset will reset the license to the builtin one if it is still valid.
// If the builtin license is invalid, the current license stays active.
func (op *Operator) LicenseReset(opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("DELETE", "/v1/operator/license")
    r.setWriteOptions(opts)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return nil, err
    }
    defer resp.Body.Close()

    if err := decodeBody(resp, &reply); err != nil {
        return nil, err
    }
}

```



```

}

return &reply, nil
}

func (op *Operator) LicensePut(license string, opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("PUT", "/v1/operator/license")
    r.setWriteOptions(opts)
    r.body = strings.NewReader(license)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return nil, err
    }
    defer resp.Body.Close()

    if err := decodeBody(resp, &reply); err != nil {
        return nil, err
    }

    return &reply, nil
}

```

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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Squirrel

The Masterminds

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# Auto-generated with:

# git log --oneline --pretty=format:'%an <%aE>' | sort -u

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 \*/

package minio

```
import (
    "bytes"
    "context"
    "encoding/xml"
    "fmt"
    "net/http"
    "net/url"

    "github.com/minio/minio-go/v7/pkg/s3utils"
)

// objectLegalHold - object legal hold specified in
// https://docs.aws.amazon.com/AmazonS3/latest/API/archive-RESTObjectPUTLegalHold.html
type objectLegalHold struct {
    XMLNS string `xml:"xmlns,attr,omitempty"`
    XMLName xml.Name `xml:"LegalHold"`
    Status LegalHoldStatus `xml:"Status,omitempty"`
}

// PutObjectLegalHoldOptions represents options specified by user for PutObjectLegalHold call
type PutObjectLegalHoldOptions struct {
    VersionID string
    Status *LegalHoldStatus
}

// GetObjectLegalHoldOptions represents options specified by user for GetObjectLegalHold call
type GetObjectLegalHoldOptions struct {
    VersionID string
}

// LegalHoldStatus - object legal hold status.
type LegalHoldStatus string
```

```

const (
    // LegalHoldEnabled indicates legal hold is enabled
    LegalHoldEnabled LegalHoldStatus = "ON"

    // LegalHoldDisabled indicates legal hold is disabled
    LegalHoldDisabled LegalHoldStatus = "OFF"
)

func (r LegalHoldStatus) String() string {
    return string(r)
}

// IsValid - check whether this legal hold status is valid or not.
func (r LegalHoldStatus) IsValid() bool {
    return r == LegalHoldEnabled || r == LegalHoldDisabled
}

func newObjectLegalHold(status *LegalHoldStatus) (*objectLegalHold, error) {
    if status == nil {
        return nil, fmt.Errorf("Status not set")
    }
    if !status.IsValid() {
        return nil, fmt.Errorf("invalid legal hold status `%v`", status)
    }
    legalHold := &objectLegalHold{
        Status: *status,
    }
    return legalHold, nil
}

// PutObjectLegalHold : sets object legal hold for a given object and versionID.
func (c Client) PutObjectLegalHold(ctx context.Context, bucketName, objectName string, opts
PutObjectLegalHoldOptions) error {
    // Input validation.
    if err := s3utils.CheckValidBucketName(bucketName); err != nil {
        return err
    }

    if err := s3utils.CheckValidObjectName(objectName); err != nil {
        return err
    }

    // Get resources properly escaped and lined up before
    // using them in http request.
    urlValues := make(url.Values)
    urlValues.Set("legal-hold", "")

    if opts.VersionID != "" {

```

```

urlValues.Set("versionId", opts.VersionID)
}

lh, err := newObjectLegalHold(opts.Status)
if err != nil {
    return err
}

lhData, err := xml.Marshal(lh)
if err != nil {
    return err
}

reqMetadata := requestMetadata{
    bucketName:    bucketName,
    objectName:    objectName,
    queryValues:   urlValues,
    contentBody:   bytes.NewReader(lhData),
    contentLength: int64(len(lhData)),
    contentMD5Base64: sumMD5Base64(lhData),
    contentSHA256Hex: sum256Hex(lhData),
}

// Execute PUT Object Legal Hold.
resp, err := c.executeMethod(ctx, http.MethodPut, reqMetadata)
defer closeResponse(resp)
if err != nil {
    return err
}
if resp != nil {
    if resp.StatusCode != http.StatusOK && resp.StatusCode != http.StatusNoContent {
        return httpRespToErrorResponse(resp, bucketName, objectName)
    }
}
return nil
}

// GetObjectLegalHold gets legal-hold status of given object.
func (c Client) GetObjectLegalHold(ctx context.Context, bucketName, objectName string, opts
GetObjectLegalHoldOptions) (status *LegalHoldStatus, err error) {
    // Input validation.
    if err := s3utils.CheckValidBucketName(bucketName); err != nil {
        return nil, err
    }

    if err := s3utils.CheckValidObjectName(objectName); err != nil {
        return nil, err
    }
}

```

```

urlValues := make(url.Values)
urlValues.Set("legal-hold", "")

if opts.VersionID != "" {
    urlValues.Set("versionId", opts.VersionID)
}

// Execute GET on bucket to list objects.
resp, err := c.executeMethod(ctx, http.MethodGet, requestMetadata{
    bucketName:    bucketName,
    objectName:    objectName,
    queryValues:   urlValues,
    contentSHA256Hex: emptySHA256Hex,
})
defer closeResponse(resp)
if err != nil {
    return nil, err
}
if resp != nil {
    if resp.StatusCode != http.StatusOK {
        return nil, httpRespToErrorResponse(resp, bucketName, objectName)
    }
}
lh := &objectLegalHold{}
if err = xml.NewDecoder(resp.Body).Decode(lh); err != nil {
    return nil, err
}

return &lh.Status, nil
}

```

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package spec

```
import (  
    "encoding/json"
```



```

"github.com/go-openapi/swag"
)

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    LicenseProps
    VendorExtensible
}

// LicenseProps holds the properties of a License object
type LicenseProps struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}

// UnmarshalJSON hydrates License from json
func (l *License) UnmarshalJSON(data []byte) error {
    if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
        return err
    }
    return json.Unmarshal(data, &l.VendorExtensible)
}

// MarshalJSON produces License as json
func (l License) MarshalJSON() ([]byte, error) {
    b1, err := json.Marshal(l.LicenseProps)
    if err != nil {
        return nil, err
    }
    b2, err := json.Marshal(l.VendorExtensible)
    if err != nil {
        return nil, err
    }
    return swag.ConcatJSON(b1, b2), nil
}
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```

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## 1.369 jaxb2-reflection 2.3.0

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Eclipse

The following artifacts are EPL.

- \* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

- \* org.eclipse.jetty.orbit:javac.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- \* org.eclipse.jetty.orbit:javac.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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## 1.372 commons-lang3 3.8.1

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# 1.373 json-iterator-go 1.1.11

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# 1.374 tomcat-websocket 9.0.75

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

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- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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- \* java.sun.security.ssl

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- org.ow2.asm:asm

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org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
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org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

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org.eclipse.jetty.toolchain:jetty-schemas

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\* /opt/cola/permits/1634239322\_1681207432.5711164/0/kubernetes-model-node-6-5-1-sources-jar/META-INF/maven/io.fabric8/kubernetes-model-node/pom.xml

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\* /opt/cola/permits/1634239322\_1681207432.5711164/0/kubernetes-model-node-6-5-1-sources-jar/manifest.vm



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\* org.eclipse.jetty.orbit:javafx.security.auth.message

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\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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\* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons  
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
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org.eclipse.jetty.toolchain:jetty-schemas

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# 1.387 jackson-databind 2.13.5

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers.

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## 1.390 xml-commons-resolver 1.2

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## 1.393 urllib3 1.26.7

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## 1.394 libxcb 1.14-2

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localtime.go, localtime\_test.go:

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Changes:

- \* Renamed files from civil\* to localtime\*.
- \* Package changed from civil to toml.
- \* 'Local' prefix added to all structs.

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# 1.397 go.etcd.io-bbolt 1.3.7

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# 1.401 philhofer-fwd 1.1.1

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## 1.403 html5lib 1.1

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## 1.404 curl 7.68.0-1ubuntu2.18

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# 1.405 go-uber-org-multierr 1.11.0

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## 1.406 scala-java8-compat\_2.13 1.0.2

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Manifest-Version: 1.0  
Automatic-Module-Name: scala.compat.java8  
Bnd-LastModified: 1635385851336  
Bundle-Description: scala-java8-compat  
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>;description=Apache-2.0  
Bundle-ManifestVersion: 2  
Bundle-Name: scala-java8-compat  
Bundle-SymbolicName: org.scala-lang.modules.scala-java8-compat  
Bundle-Vendor: org.scala-lang.modules  
Bundle-Version: 1.0.2  
Created-By: 1.8.0\_312 (Temurin)  
Export-Package: scala.compat.java8;version="1.0.2";uses:="scala,scala.collection,scala.collection.convert,scala.compat.java8.converterImpl,scala.concurrent,scala.concurrent.duration,scala.jdk,scala.reflect,scala.runtime,scala.runtime.java8",scala.compat.java8.FunctionConverter;version="1.0.2";uses:="scala,scala.compat.java8,scala.reflect,scala.runtime",scala.compat.java8.collectionImpl;version="1.0.2";uses:="scala.collection,scala.jdk,scala.reflect",scala.compat.java8.converterImpl;version="1.0.2";uses:="scala,scala.collection,scala.collection.convert,scala.jdk,scala.reflect,scala.runtime",scala.compat.java8.functionConverterImpls;version="1.0.2";uses:="scala,scala.reflect,scala.runtime",scala.compat.java8.wrappers;version="1.0.2"  
Implementation-Title: scala-java8-compat  
Implementation-URL: <http://www.scala-lang.org/>  
Implementation-Vendor: org.scala-lang.modules  
Implementation-Vendor-Id: org.scala-lang.modules  
Implementation-Version: 1.0.2  
Import-Package: scala;version="[2.13,3)",scala.collection;version="[2.

13,3)",scala.collection.convert;version="[2.13,3)",scala.collection.mutable;version="[2.13,3)",scala.compat.java8.collectionImpl;version="[1.0,2)",scala.compat.java8.converterImpl;version="[1.0,2)",scala.compat.java8.functionConverterImpls;version="[1.0,2)",scala.compat.java8.wrappers;version="[1.0,2)",scala.concurrent;version="[2.13,3)",scala.concurrent.duration;version="[2.13,3)",scala.concurrent.impl;version="[2.13,3)",scala.jdk;version="[2.13,3)",scala.jdk.javaapi;version="[2.13,3)",scala.reflect;version="[2.13,3)",scala.runtime;version="[2.13,3)",scala.runtime.java8;version="[2.13,3)",scala.util;version="[2.13,3)"

Private-Package: scala.concurrent.java8

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"

Specification-Title: scala-java8-compat

Specification-Vendor: org.scala-lang.modules

Specification-Version: 1.0.2

Tool: Bnd-5.1.2.202007211702

Found in path(s):

\* /opt/cola/permits/1501589067\_1670483251.2627988/0/scala-java8-compat-2-13-1-0-2-2-jar/META-INF/MANIFEST.MF

## 1.407 profile 1.5.0

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# 1.408 plexus-utils 3.3.0

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# 1.409 go4.org-intern 0.0.0-20211027215823-ae77deb06f29

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## 1.410 gojsonreference 0.0.0-20180127040603-bd5ef7bd5415

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# 1.411 mergo 0.3.6

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```
import: ../../../../fossene/db/schema/thing.yml
```

```
fields:
```

```
  site: string
```

```
  author: root
```

# 1.412 rung-go-safecast 1.0.1

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## 1.413 unzip 6.0-25ubuntu1.1

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-----

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---

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP License. Therefore, support for the reduce method has been removed.

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```
* MoreFiles
*
* A collection of File Manager and related routines
*
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* with significant code contributions by Nitin Ganatra
* (Apple Macintosh Developer Technical Support Emeritus)
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```

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```
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*
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*
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* -----
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```

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"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

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-----

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The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

---

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## 1.417 netty-transport-classes-epoll

### 4.1.92.Final

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\* /opt/cola/permits/1670233180\_1683702520.9659946/0/netty-transport-classes-epoll-4-1-92-final-sources-jar/io/netty/channel/epoll/EpollTcpInfo.java  
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\* /opt/cola/permits/1670233180\_1683702520.9659946/0/netty-transport-classes-epoll-4-1-92-final-sources-jar/io/netty/channel/epoll/EpollSocketChannel.java  
\* /opt/cola/permits/1670233180\_1683702520.9659946/0/netty-transport-classes-epoll-4-1-92-final-sources-jar/io/netty/channel/epoll/AbstractEpollChannel.java

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## 1.419 xorg 7.7+19ubuntu14

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Source Package: xorg

Debian/Ubuntu package authors: Branden Robinson, Fabio M. Di Nitto, Daniel Stone and others

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## 1.423 spring-beans 5.3.26

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```

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## 1.426 mergo 0.3.12

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```
import: ../../../../fossene/db/schema/thing.yml
```

fields:

```
site: string
```

```
author: root
```

## 1.427 google-go-cmp 0.5.8

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## 1.428 selinux 3.0-1build2

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## 1.429 lib-pq 1.10.7

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```
//go:build go1.10
```

```
// +build go1.10
```

```
package pq
```

```
import (  
    "context"  
    "database/sql/driver"  
)
```

```

// NoticeHandler returns the notice handler on the given connection, if any. A
// runtime panic occurs if c is not a pq connection. This is rarely used
// directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {
    return c.(*conn).noticeHandler
}

// SetNoticeHandler sets the given notice handler on the given connection. A
// runtime panic occurs if c is not a pq connection. A nil handler may be used
// to unset it. This is rarely used directly, use ConnectorNoticeHandler and
// ConnectorWithNoticeHandler instead.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
    c.(*conn).noticeHandler = handler
}

// NoticeHandlerConnector wraps a regular connector and sets a notice handler
// on it.
type NoticeHandlerConnector struct {
    driver.Connector
    noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the
// notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
    c, err := n.Connector.Connect(ctx)
    if err == nil {
        SetNoticeHandler(c, n.noticeHandler)
    }
    return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If
// the given connector is not a result of ConnectorWithNoticeHandler, nil is
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        return c.noticeHandler
    }
    return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given
// connector. If the given connector is a result of calling this function
// previously, it is simply set on the given connector and returned. Otherwise,

```



```
// this returns a new connector wrapping the given one and setting the notice
// handler. A nil notice handler may be used to unset it.
//
// The returned connector is intended to be used with database/sql.OpenDB.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
if c, ok := c.(*NoticeHandlerConnector); ok {
    c.noticeHandler = handler
    return c
}
return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}
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```

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## 1.430 commons-logging 1.1.3

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# 1.434 klauspost-compress 1.11.13

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# 1.439 coreos-semver 0.2.0

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## 1.440 fdisk 2.34.0

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\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/MethodDecl.java  
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\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/reflect/Metaobject.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformAfter.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/Descriptor.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/CallExpr.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/IntConst.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/AnnotationDefaultAttribute.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformBefore.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/JvstTypeChecker.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/LoaderClassPath.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ParameterAnnotationsAttribute.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/Variable.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtNewMethod.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/ASTree.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/Mnemonic.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/ClassPool.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ExceptionsAttribute.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/URLClassPath.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/scopedpool/ScopedClassPoolFactory.java

\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/ArrayInit.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/reflect/Loader.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformFieldAccess.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/DuplicateMemberException.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/CondExpr.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/ASTList.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/Keyword.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformWriteField.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ConstPool.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/analysis/Type.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/StackMapTable.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/util/HotSwapAgent.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/MemberCodeGen.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/ClassMap.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/CompileError.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/rmi/RemoteException.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ConstantAttribute.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/AccessorMaker.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/SerializedProxy.java

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\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/FloatMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/StringMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/ClassMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/Annotation.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/ShortMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/DoubleMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/EnumMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/AnnotationMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/ArrayMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/ByteMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/MemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/BooleanMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/IntegerMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/MemberValueVisitor.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/CharMemberValue.java  
\* /opt/cola/permits/1135864419\_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/LongMemberValue.java

## 1.448 vcs 1.13.3

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```
* /opt/cola/permits/1325828042_1658340623.1704566/0/vcs-1-13-3-gz/vcs-1.13.3
```

## 1.449 file 5.38-4

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# 1.450 libcanberra 0.30-7ubuntu1

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# 1.451 javassist 3.29.2-GA

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```

Found in path(s):

```
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/ByteStream.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/Callback.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/CtConstructor.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/InnerClassesAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/Lex.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtNewClass.java
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jar/javassist/compiler/ast/NewExpr.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/CodeIterator.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
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jar/javassist/CtNewWrappedConstructor.java  
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\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/CodeAnalyzer.java

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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```
* /opt/cola/permits/1617269406_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-  
jar/org/jline/terminal/impl/jansi/win/WindowsAnsiWriter.java
```

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jar/org/jline/terminal/impl/jansi/win/JansiWinSysTerminal.java
```

```
* /opt/cola/permits/1617269406_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-  
jar/org/jline/terminal/impl/jansi/JansiNativePty.java
```

```
* /opt/cola/permits/1617269406_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-  
jar/org/jline/terminal/impl/jansi/JansiTerminalProvider.java
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```
class = org.jline.terminal.impl.jansi.JansiTerminalProvider
```

Found in path(s):

```
* /opt/cola/permits/1617269406_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/META-  
INF/services/org/jline/terminal/provider/jansi
```

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\* /opt/cola/permits/1617269406\_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/org/jline/terminal/impl/jansi/freebsd/FreeBsdNativePty.java

\* /opt/cola/permits/1617269406\_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/org/jline/terminal/impl/jansi/linux/LinuxNativePty.java

\* /opt/cola/permits/1617269406\_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/org/jline/terminal/impl/jansi/solaris/SolarisNativePty.java

\* /opt/cola/permits/1617269406\_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/org/jline/terminal/impl/jansi/win/JansiWinConsoleWriter.java

\* /opt/cola/permits/1617269406\_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/org/jline/terminal/impl/jansi/osx/OsXNativePty.java

## 1.465 spew 1.1.1

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## 1.466 kubernetes-client 0.26.0

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=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release from   | Derived   | Year      | Owner      | GPL-compatible? (1) |
|----------------|-----------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |           | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2     | 2000      | CNRI       | no                  |
| 2.0            | 1.6       | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6       | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1 | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1 | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1 | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1     | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1     | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2     | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2       | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1     | 2002      | PSF        | yes                 |
| 2.3            | 2.2.2     | 2002-2003 | PSF        | yes                 |

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/helper/PrefixPattern.java

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\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/internal/TerminalWidth.java

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# 1.472 zap 1.16.0

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## 1.476 libsemanage 3.0-1build2

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# 1.477 jackson-annotations 2.14.2

## 1.477.1 Available under license :

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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# 1.478 libnsl 2.31

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## 1.480 properties 1.8.1

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Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with

classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.



<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

## 1.483 simpleclient-servlet 0.6.0

### 1.483.1 Available under license :

Apache-2.0

## 1.484 bouncycastle-fips 1.0.3

### 1.484.1 Available under license :

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```
/**
```

```
 * Base constructor.
```

```
 * <p>
```

```
 * The authorizer attempts to perform matching (including the use of the wildcard) in accordance with RFC 6125.
```

```
 * </p>
```

```
 * <p>
```

```
 * Known suffixes is a list of public domain suffixes that can't be used as wild cards for
```

```
 * example *.com, or c*c.com, as a dns wildcard could match every/most .com domains if a registrar were issue it.
```

```
 * If *.com is in the known suffixes list will not be allowed to match.
```

```
 * </p>
```

```
 *
```

```
 * @param knownSuffixes a set of suffixes that cannot be wild-carded, e.g. { ".com", ".net", ".org" }
```

```
 */
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1089947271_1601369618.24/0/bcpkix-fips-1-0-3-sources-jar/org/bouncycastle/est/jcajce/JsseDefaultHostnameAuthorizer.java
```

# 1.485 x-crypto 0.0.0-20220411220226-7b82a4e95df4

## 1.485.1 Available under license :

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# 1.486 netty-handler 4.1.92.Final

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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/Conscrypt.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java

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- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/SniHandler.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/SslContext.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/SslUtils.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ipfilter/package-info.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
- \* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-

jar/io/netty/handler/ssl/JdkSslEngine.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
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jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslServerContext.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java  
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jar/io/netty/handler/ssl/Java7SslParametersUtils.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java  
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jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java  
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jar/io/netty/handler/ssl/util/LazyX509Certificate.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslEngineMap.java  
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jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslContext.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSsl.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/PemReader.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ipfilter/UniqueIpFilter.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/ApplicationProtocolConfig.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/CipherSuiteConverter.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-

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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslSessionStats.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ipfilter/IpFilterRuleType.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java  
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jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java  
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jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/PseudoRandomFunction.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/address/package-info.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/SslMasterKeyHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/address/DynamicAddressConnectHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java  
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jar/io/netty/handler/ssl/OpenSslPrivateKey.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslKeyMaterial.java



\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java  
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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/pcap/PcapHeaders.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/pcap/PcapWriteHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/pcap/PcapWriter.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/pcap/IPPacket.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/pcap/UDPPacket.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/pcap/package-info.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/pcap/EthernetPacket.java  
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jar/io/netty/handler/traffic/TrafficCounter.java  
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jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/traffic/package-info.java

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jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java  
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jar/io/netty/handler/ipfilter/IpSubnetFilter.java  
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jar/io/netty/handler/logging/ByteBufFormat.java  
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jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java  
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jar/io/netty/handler/ssl/SslClosedEngineException.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/address/ResolveAddressHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java  
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jar/io/netty/handler/logging/LogLevel.java  
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jar/io/netty/handler/timeout/ReadTimeoutHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/timeout/WriteTimeoutHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/package-info.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/stream/ChunkedNioFile.java  
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jar/io/netty/handler/stream/package-info.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/timeout/IdleStateEvent.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/stream/ChunkedInput.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/stream/ChunkedWriteHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/logging/package-info.java

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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/timeout/TimeoutException.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/timeout/package-info.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/stream/ChunkedStream.java  
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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java  
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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/util/package-info.java  
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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/SslHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java

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jar/io/netty/handler/ssl/Ciphers.java
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jar/io/netty/handler/ssl/OpenSslAsyncPrivateKeyMethod.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java
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jar/io/netty/handler/ssl/SslProtocols.java
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jar/io/netty/handler/ssl/SslContextOption.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/AsyncRunnable.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/OpenSslClientSessionCache.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/OpenSslSessionId.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/BouncyCastle.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/OpenSslContextOption.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/OpenSslSessionCache.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
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jar/io/netty/handler/ssl/OpenSslCertificateCompressionAlgorithm.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/BouncyCastlePemReader.java
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Found in path(s):

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io.netty/handler/ssl/ApplicationProtocolNames.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io.netty/handler/ssl/ApplicationProtocolAccessor.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/ClientAuth.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/util/LazyJavaxX509Certificate.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java  
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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/flush/package-info.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/PemValue.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-



jar/io/netty/handler/ssl/PemX509Certificate.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/PemEncoded.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/DelegatingSslContext.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/flush/FlushConsolidationHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/flow/package-info.java  
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Found in path(s):  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/StacklessSSLHandshakeException.java  
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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/flow/FlowControlHandler.java

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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java

# 1.487 afero 1.2.2

## 1.487.1 Available under license :

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# 1.488 apache-http-server 2.4.41-4ubuntu3.14

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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"><head>
<meta content="text/html; charset=ISO-8859-1" http-equiv="Content-Type" />
<!--
XX
X
    This file is generated from xml source: DO NOT EDIT
XX
X
-->
<title>The Apache License, Version 2.0 - Apache HTTP Server Version 2.4</title>
<link href="/style/css/manual.css" rel="stylesheet" media="all" type="text/css" title="Main stylesheet" />
<link href="/style/css/manual-loose-100pc.css" rel="alternate stylesheet" media="all" type="text/css" title="No
Sidebar - Default font size" />
<link href="/style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" /><link rel="stylesheet"
type="text/css" href="/style/css/prettify.css" />
<script src="/style/scripts/prettify.min.js" type="text/javascript">
</script>

<link href="/images/favicon.ico" rel="shortcut icon" /></head>
<body id="manual-page" class="no-sidebar"><div id="page-header">
<p class="menu"><a href="/mod/">Modules</a> | <a href="/mod/directives.html">Directives</a> | <a
href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="/glossary.html">Glossary</a> | <a
href="/sitemap.html">Sitemap</a></p>
<p class="apache">Apache HTTP Server Version 2.4</p>
</div>
```

```
<div class="up"><a href="."></a></div>
<div id="path">
<a href="http://www.apache.org/">Apache</a> &gt; <a href="http://httpd.apache.org/">HTTP Server</a> &gt; <a
href="http://httpd.apache.org/docs/">Documentation</a> &gt; <a href=".">Version 2.4</a></div><div id="page-
content"><div id="preamble"><h1>The Apache License, Version 2.0</h1>
<div class="toplant">
<p><span>Available Languages: </span><a href="/en/license.html" title="English">&nbsp;en&nbsp;en</a></p>
</div>
```

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</div>

</div>

<div class="bottomlang">

<p><span>Available Languages: </span><a href="/en/license.html" title="English">&nbsp;en&nbsp;</a></p>

</div><div class="top"><a href="#page-header"></a></div><div

class="section"><h2><a id="comments\_section" name="comments\_section">Comments</a></h2><div

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<script type="text/javascript"><!--><![CDATA[//><!--

var comments\_shortcode = 'httpd';

var comments\_identifier = 'http://httpd.apache.org/docs/2.4/license.html';

(function(w, d) {

if (w.location.hostname.toLowerCase() == "httpd.apache.org") {

d.write('<div id="comments\_thread"></div>');

var s = d.createElement('script');

s.type = 'text/javascript';

s.async = true;

s.src = 'https://comments.apache.org/show\_comments.lua?site=' + comments\_shortcode + '&page=' +

comments\_identifier;

(d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);

}

```
else {
    d.write('<div id="comments_thread">Comments are disabled for this page at the moment.</div>');
}
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```

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 */
```

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```
/*
*****
* NCSA HTTPd Server
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* University of Illinois at Urbana-Champaign
* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
*
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*
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=====
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

Mike Belshe (mbelshe@netscape.com)

Michael Campanella (campanella@stevms.enet.dec.com)

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## 1.489 go.uber.org/atomi 1.3.2

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## 1.490 go-uber-org-multierr 1.7.0

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## 1.491 protobuf 1.26.0

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# 1.498 python-stdlib-extensions 3.8.10- Ubuntu1~20.04

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\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/tests/test\_pytree.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_print.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_ne.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/tests/pytree\_idempotency.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pygram.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pygram.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_execfile.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_ne.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_has\_key.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_exec.py

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```
('binary-only', None,  
"cannot supply both '--source-only' and '--binary-only'")  
'License: ' + self.distribution.get_license(),
```

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\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/command/bdist\_rpm.py  
\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/command/bdist\_rpm.py

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```
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```

```
# A grammar to describe tree matching patterns.  
# Not shown here:
```

# - 'TOKEN' stands for any token (leaf node)  
# - 'any' stands for any node (leaf or interior)  
# With 'any' we can still specify the sub-structure.

# The start symbol is 'Matcher'.

Matcher: Alternatives ENDMARKER

Alternatives: Alternative ('| Alternative)\*

Alternative: (Unit | NegatedUnit)+

Unit: [NAME '=' ( STRING [Repeater]  
| NAME [Details] [Repeater]  
| '(' Alternatives ')' [Repeater]  
| '[' Alternatives '']  
)

NegatedUnit: 'not' (STRING | NAME [Details] | '(' Alternatives ')')

Repeater: '\*' | '+' | '{' NUMBER [, NUMBER ]}'

Details: '<' Alternatives '>'

Found in path(s):

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/PatternGrammar.txt

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/PatternGrammar.txt

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/PatternGrammar.txt

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\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Modules/\_tkinter.c

\* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Modules/\_tkinter.c

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- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/command/bdist\_msi.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/command/bdist\_msi.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/cygwincompiler.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/command/bdist\_wininst.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/command/bdist\_msi.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/command/bdist\_wininst.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/cygwincompiler.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/cygwincompiler.py

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- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_map.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_xrange.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_xrange.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_buffer.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_dict.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix\_buffer.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_dict.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix\_standarderror.py
- \* /opt/cola/permits/1168963812\_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix\_standarderror.py

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_xrange.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_map.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_types.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_types.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_dict.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_filter.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_filter.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_buffer.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_types.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_filter.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_map.py
```

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executable.

Found in path(s):

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/spawn.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/spawn.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/spawn.py
```

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```
file.write('License: %s\n' % self.get_license())
```

Found in path(s):

```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/dist.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/dist.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/dist.py
```

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```
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/tokenize.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/tokenize.py
* /opt/cola/permits/1168963812_1622802919.99/0/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/tokenize.py
```

# 1.499 color 1.7.0

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# 1.500 libogg 1.3.4-0ubuntu1

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It was downloaded from <http://www.xiph.org>

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(Exim 4.72)  
(envelope-from <silviapfeiffer1@gmail.com>)  
id 1QsTXr-0004MO-Ek  
for ron@debian.org; Sun, 14 Aug 2011 05:47:35 +0000  
In-Reply-To: <20110813065417.GV2324@audi.shelbyville.oz>  
References: <20110813065417.GV2324@audi.shelbyville.oz>  
From: Silvia Pfeiffer <silviapfeiffer1@gmail.com>  
Date: Sun, 14 Aug 2011 15:47:09 +1000  
Message-ID: <CAHp8n2nmGN+G09aA118KN86NeX9yw\_VJAQNFZebm74k195zz+Q@mail.gmail.com>  
Subject: Re: Distributing the libogg RFCs in the Debian package  
To: Ron <ron@debian.org>  
Cc: Christopher Montgomery <monty@xiph.org>,  
Ivo Emanuel Goncalves <justivo@gmail.com>

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# 1.501 builder 0.0.0-20180802200727-47ae307949d0

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## 1.502 btree 1.0.0

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## 1.503 distro 1.4.0

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## 1.504 bouncycastle-fips 1.0.2.3

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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Also add information on how to contact you by electronic and paper mail.

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```
<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

## 1.506 zookeeper-jute 3.6.4

### 1.506.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
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 */
```

Found in path(s):

```
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-
jar/org/apache/zookeeper/txn/CreateSessionTxn.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-
jar/org/apache/zookeeper/txn/TxnDigest.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-
jar/org/apache/zookeeper/proto/MultiHeader.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-
jar/org/apache/zookeeper/proto/ErrorResponse.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-
jar/org/apache/zookeeper/proto/GetChildren2Response.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-
jar/org/apache/zookeeper/server/quorum/LearnerInfo.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-
jar/org/apache/zookeeper/txn/TxnHeader.java
```

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetDataResponse.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/WatcherEvent.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/txn/Txn.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/txn/CreateTxnV0.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/ConnectRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetChildrenRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/ReconfigRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/data/StatPersisted.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetSASLRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/Create2Response.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetAllChildrenNumberRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/DeleteRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/txn/CloseSessionTxn.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/AddWatchRequest.java  
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\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/data/Id.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/SetACLResponse.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/CheckVersionRequest.java  
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\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/ExistsResponse.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetDataRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetEphemeralsRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetMaxChildrenResponse.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/SetDataRequest.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/txn/CreateTxn.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/txn/SetMaxChildrenTxn.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/RemoveWatchesRequest.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/SetMaxChildrenRequest.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetAllChildrenNumberResponse.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/txn/MultiTxn.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/txn/CreateContainerTxn.java

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\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/data/Stat.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetACLResponse.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/data/ACL.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/SyncResponse.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/SetWatches2.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/server/quorum/QuorumPacket.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/server/quorum/QuorumAuthPacket.java

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\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/CheckWatchesRequest.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/txn/CheckVersionTxn.java

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\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetEphemeralsResponse.java  
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\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/ReplyHeader.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetChildrenResponse.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/RequestHeader.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/txn/DeleteTxn.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/SetSASLResponse.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetMaxChildrenRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/CreateTTLRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/SyncRequest.java  
\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/server/persistence/FileHeader.java  
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\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/META-INF/maven/org.apache.zookeeper/zookeeper-jute/pom.xml

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- \* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/TokenMgrError.java
- \* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/ParseException.java
- \* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/rcc.jj
- \* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/SimpleCharStream.java
- \* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/Token.java
- \* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/RccConstants.java
- \* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/RccTokenManager.java
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- \* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-



jar/org/apache/jute/OutputArchive.java  
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jar/org/apache/jute/compiler/JByte.java  
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jar/org/apache/jute/Index.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-

jar/org/apache/jute/compiler/JFile.java

\* /opt/cola/permits/1634239229\_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-

jar/org/apache/jute/InputArchive.java

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## 1.508 jersey-rx-client 2.25.1

## 1.509 six 1.16.0

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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localtime.go, localtime\_test.go:

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Changes:

\* Renamed files from civil\* to localtime\*.

\* Package changed from civil to toml.

\* 'Local' prefix added to all structs.

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# 1.517 go-ole-go-ole 1.2.4

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## 1.520 squirrel 1.5.3

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## 1.521 oniguruma 6.9.4-1

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 * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
 */
```

```
$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp $
```

Read the comments at the top of the Makefile, then edit the area marked 'configurable stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the `/var/cron` or `/var/cron/tabs` directories, since both the daemon and the ``crontab'` program will do this the first time they run if they don't exist. You do need to have a `/var`, though -- just `"mkdir /var"` if you don't have one, or you can `"mkdir /usr/var; ln -s /usr/var /var"` if you expect your `/var` to have a lot of stuff in it.

You will also need `/usr/local/etc` and `/usr/local/bin` directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. `/usr/local/man` is where I keep my man pages, but I have the source for ``man'` and you probably do not. Therefore you may have to put the man pages into `/usr/man/man1`, which will be hard since there will be name collisions. (Note that the `man` command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: `/usr/include/paths.h` on some linux systems shows `_PATH_SENDMAIL` to be `/usr/bin/sendmail` even though `sendmail` is installed in `/usr/lib`. you should check this out.

say:

```
make all
```

su and say:

```
make install
```

Note that if I can get you to "su and say" something just by asking, you have a very serious security problem on your system and you should look into it.

Edit your `/usr/lib/crontab` file into little pieces -- see the `CONVERSION` file for help on this.

Use the ``crontab'` command to install all the little pieces you just created. Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the `.src` files are copied at the time the command is issued; changing the source files later will have no effect until they are reinstalled with another ``crontab -r'` command. (2) The `crontab` command will affect the crontab of the person using the command unless ``-u USER'` is given; ``-u'` only works for root. When using most ``su'` commands under most BSD's, ``crontab'` will still think of you as yourself even though you may think of yourself as root -- so use ``-u'` liberally. (3) the ``-r'` option stands for ``replace'`; check the man page for `crontab(1)` for other possibilities.

Kill your existing cron daemon -- do `ps aux` and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no '&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):

```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/INSTALL
```

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* I'll try to keep a version up to date. I can be reached as follows:
* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
*/
```

Found in path(s):

```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/entry.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/misc.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/config.h
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/job.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/database.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/env.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.h
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/user.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/compat.c
```



\* /opt/cola/permits/1125565035\_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/do\_command.c

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\*

\* @(#)bitstring.h 5.2 (Berkeley) 4/4/90

\*/

Found in path(s):

\* /opt/cola/permits/1125565035\_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/bitstring.h

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.\"/>*/
.\"/>
.\"/> $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\"/>

```

Found in path(s):

\* /opt/cola/permits/1125565035\_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.5

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.\"/>* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\"/>*/
.\"/>
.\"/> $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $

```

.\

Found in path(s):

\* /opt/cola/permits/1125565035\_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.1

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# *
# * Send bug reports, bug fixes, enhancements, requests, flames, etc., and
# * I'll try to keep a version up to date. I can be reached as follows:
# * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
# */
```

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

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To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

(both of these files have instructions inside; note that some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)

'make'

'su' and 'make install'

(you may have to install the man pages by hand)

kill your existing cron process

(actually you can run your existing cron if you want, but why?)

build new crontabs using /usr/lib/{crontab,crontab.local}

(either put them all in "root"'s crontab, or divide it up and rip out all the 'su' commands, collapse the lengthy lists into ranges with steps -- basically, this step is as much work as you want to make it)

start up the new cron

(must be done as root)

watch it. test it with 'crontab -r' and watch the daemon track your changes.

if you like it, change your /etc/{rc,rc.local} to use it instead of the old one.

\$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp \$

Found in path(s):

\* /opt/cola/permits/1125565035\_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/README

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.\n
.\n @(#)bitstring.3 5.1 (Berkeley) 12/13/89
.\n
```

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```
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```
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```

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* I'll try to keep a version up to date. I can be reached as follows:
```

```
* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/compat.h
```

```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/pathnames.h
```

```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/externs.h
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.\" * Send bug reports, bug fixes, enhancements, requests, flames, etc., and
.\" * I'll try to keep a version up to date. I can be reached as follows:
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.\" */
.\"
.\" $Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp $
.\"
```

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```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.8
```

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# Jackson JSON processor

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It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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from the source code management (SCM) system project uses.

# 1.524 honnef-staticcheck 0.0.1-2019.2.3

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\* [github.com/BurntSushi/toml](https://github.com/BurntSushi/toml) - <https://github.com/BurntSushi/toml>

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match.go, match\_test.go:

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\* [golang.org/x/mod/module](https://github.com/golang/mod) - <https://github.com/golang/mod>

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# 1.525 pwauth 2.3.11-0.2

## 1.526 gopkg-in/ldap 2.5.1

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## 1.527 idna 13.0.0

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# 1.528 go-farm 0.0.0-20200201041132-a6ae2369ad13

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# 1.529 jwalterweatherman 1.0.0

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# 1.530 cloud-google-com-go 0.97.0

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package compute
```



```

import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"
    "google.golang.org/grpc/metadata"
    "google.golang.org/protobuf/encoding/protojson"
)

var newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
    Get          []gax.CallOption
    TestIamPermissions []gax.CallOption
}

// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
    // The internal transport-dependent client.
    internalClient internalLicenseCodesClient

    // The call options for this service.
    CallOptions *LicenseCodesCallOptions
}

```

```

}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
// intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
type licenseCodesRESTClient struct {
    // The http endpoint to connect to.
    endpoint string

    // The http client.
    httpClient *http.Client

```

```

// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD
}

// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
    clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    c := &licenseCodesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
    }
    c.setGoogleClientInfo()

    return &LicenseCodesClient{internalClient: c, CallOptions: &LicenseCodesCallOptions{}}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
    return []option.ClientOption{
        internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
        internaloption.WithDefaultScopes(DefaultAuthScopes()...),
    }
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
    kv := append([]string{"gl-go", versionGo()}, keyval...)
    kv = append(kv, "gopic", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
    c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
    // Replace httpClient with nil to force cleanup.
    c.httpClient = nil
    return nil
}

```

```

}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
    return nil
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return nil, err
    }

    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    rsp := &computepb.LicenseCode{}

    if err := unmarshalOptions.Unmarshal(buf, rsp); err != nil {

```

```

return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
m := protojson.MarshalOptions{AllowPartial: true}
body := req.GetTestPermissionsRequestResource()
jsonReq, err := m.Marshal(body)
if err != nil {
return nil, err
}

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}

```

```

rsp := &computepb.TestPermissionsResponse{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}
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package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    "google.golang.org/api/iterator"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicensesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    // TODO: Use client.
    _ = c
}

func ExampleLicensesClient_Delete() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)

```

```

if err != nil {
    // TODO: Handle error.
}
defer c.Close()

req := &computepb.DeleteLicenseRequest{
    // TODO: Fill request struct fields.
    // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.
}
resp, err := c.Delete(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
    }
    resp, err := c.Get(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_GetIamPolicy() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetIamPolicyLicenseRequest.
    }

```

```

}
resp, err := c.GetIamPolicy(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_Insert() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.InsertLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
    }
    resp, err := c.Insert(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_List() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.ListLicensesRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#ListLicensesRequest.
    }
    it := c.List(ctx, req)
    for {
        resp, err := it.Next()
        if err == iterator.Done {
            break
        }
        if err != nil {

```



```

    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}
}

func ExampleLicensesClient_SetIamPolicy() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.SetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
    }
    resp, err := c.SetIamPolicy(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_TestIamPermissions() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.TestIamPermissionsLicenseRequest{
        // TODO: Fill request struct fields.
        // See
        https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
    }
    resp, err := c.TestIamPermissions(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

```

```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicenseCodesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    // TODO: Use client.
    _ = c
}

func ExampleLicenseCodesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseCodeRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
    }
}

```

```

}
resp, err := c.Get(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.TestIamPermissionsLicenseCodeRequest{
        // TODO: Fill request struct fields.
        // See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequest.
    }
    resp, err := c.TestIamPermissions(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

```

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// Code generated by protoc-gen-go\_gapic. DO NOT EDIT.

package compute

import (

"bytes"

"context"

"fmt"

"io/ioutil"

"math"

"net/http"

"net/url"

gax "github.com/googleapis/gax-go/v2"

"google.golang.org/api/googleapi"

"google.golang.org/api/iterator"

"google.golang.org/api/option"

"google.golang.org/api/option/internaloption"

httptransport "google.golang.org/api/transport/http"

computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"

"google.golang.org/grpc"

"google.golang.org/grpc/metadata"

"google.golang.org/protobuf/encoding/protojson"

"google.golang.org/protobuf/proto"

)

```

var newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
    Delete      []gax.CallOption
    Get         []gax.CallOption
    GetIamPolicy []gax.CallOption
    Insert      []gax.CallOption
    List        []gax.CallOption
    SetIamPolicy []gax.CallOption
    TestIamPermissions []gax.CallOption
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
    Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption) (*computepb.License, error)
    GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
    error)
    Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
    List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
    SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
    error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
//
// The Licenses API.
type LicensesClient struct {
    // The internal transport-dependent client.
    internalClient internalLicensesClient

    // The call options for this service.
    CallOptions *LicensesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.

```

```

func (c *LicensesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
// creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
// Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
// party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Insert(ctx, req, opts...)
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
// belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a

```

list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption)
*LicenseIterator {
    return c.internalClient.List(ctx, req, opts...)
}
```

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.SetIamPolicy(ctx, req, opts...)
}
```

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}
```

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with method calls.

```
type licensesRESTClient struct {
    // The http endpoint to connect to.
    endpoint string
```

```
    // The http client.
    httpClient *http.Client
```

```
    // The x-goog-* metadata to be sent with each request.
    xGoogMetadata metadata.MD
}
```

// NewLicensesRESTClient creates a new licenses rest client.

//

// The Licenses API.

```
func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
    clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }
}
```

```
c := &licensesRESTClient{
    endpoint: endpoint,
```

```

    httpClient: httpClient,
  }
  c.setGoogleClientInfo()

  return &LicensesClient{internalClient: c, CallOptions: &LicensesCallOptions{}}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
  return []option.ClientOption{
    internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
    internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
    internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
    internaloption.WithDefaultScopes(DefaultAuthScopes()),
  }
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
  kv := append([]string{"gl-go", versionGo()}, keyval...)
  kv = append(kv, "gpic", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
  c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licensesRESTClient) Close() error {
  // Replace httpClient with nil to force cleanup.
  c.httpClient = nil
  return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
  return nil
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
// creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
  baseUrl, _ := url.Parse(c.endpoint)
  baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

  params := url.Values{ }

```



```

if req != nil && req.RequestId != nil {
    params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Operation{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
op := &Operation{proto: rsp}
return op, err
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

```

```

httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.License{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

    params := url.Values{}
    if req != nil && req.OptionsRequestedPolicyVersion != nil {
        params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
    }

```

```

baseUrl.RawQuery = params.Encode()

httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Policy{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetLicenseResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }
}

```

```

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

params := url.Values{ }
if req != nil && req.RequestId != nil {
    params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Operation{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
op := &Operation{proto: rsp}
return op, err
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that

```

belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
    it := &LicenseIterator{}
    req = proto.Clone(req).(*computepb.ListLicensesRequest)
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
        resp := &computepb.LicensesListResponse{}
        if pageToken != "" {
            req.PageToken = proto.String(pageToken)
        }
        if pageSize > math.MaxInt32 {
            req.MaxResults = proto.Uint32(math.MaxInt32)
        } else if pageSize != 0 {
            req.MaxResults = proto.Uint32(uint32(pageSize))
        }
        baseUrl, _ := url.Parse(c.endpoint)
        baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

        params := url.Values{}
        if req != nil && req.Filter != nil {
            params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
        }
        if req != nil && req.MaxResults != nil {
            params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
        }
        if req != nil && req.OrderBy != nil {
            params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
        }
        if req != nil && req.PageToken != nil {
            params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
        }
        if req != nil && req.ReturnPartialSuccess != nil {
            params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
        }

        baseUrl.RawQuery = params.Encode()

        httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
        if err != nil {
            return nil, "", err
        }

        // Set the headers
        for k, v := range c.xGoogMetadata {
```

```

    httpReq.Header[k] = v
}

httpReq.Header["Content-Type"] = []string{"application/json"}
httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, "", err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, "", err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, "", err
}

unm.Unmarshal(buf, resp)
it.Response = resp
return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
    items, nextPageToken, err := it.InternalFetch(pageSize, pageToken)
    if err != nil {
        return "", err
    }
    it.items = append(it.items, items...)
    return nextPageToken, nil
}

it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
it.pageInfo.Token = req.GetPageToken()

return it
}

```

*// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.*

```

func (c *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetGlobalSetPolicyRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {

```

```

return nil, err
}

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy", req.GetProject(),
req.GetResource())

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Policy{}

if err := unm.Unmarshal(buf, rsp); err != nil {
return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
m := protojson.MarshalOptions{AllowPartial: true}

```

```

body := req.GetTestPermissionsRequestResource()
jsonReq, err := m.Marshal(body)
if err != nil {
    return nil, err
}

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.TestPermissionsResponse{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
    items []*computepb.License

```



```

pageInfo *iterator.PageInfo
nextFunc func() error

// Response is the raw response for the current page.
// It must be cast to the RPC response type.
// Calling Next() or InternalFetch() updates this value.
Response interface{ }

// InternalFetch is for use by the Google Cloud Libraries only.
// It is not part of the stable interface of this package.
//
// InternalFetch returns results from a single call to the underlying RPC.
// The number of results is no greater than pageSize.
// If there are no more results, nextPageToken is empty and err is nil.
InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
    return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License, error) {
    var item *computepb.License
    if err := it.nextFunc(); err != nil {
        return item, err
    }
    item = it.items[0]
    it.items = it.items[1:]
    return item, nil
}

func (it *LicenseIterator) bufLen() int {
    return len(it.items)
}

func (it *LicenseIterator) takeBuf() interface{} {
    b := it.items
    it.items = nil
    return b
}

```

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## 1.534 jdk-zulu 8.70.0.23-1

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## 1.536 pkg-sftp 1.13.1

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# 1.538 golang-genproto 0.0.0-20200526211855-cb27e3aa2013

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## 1.539 gnutls 3.6.13-2ubuntu1.8

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```
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## Constant-time SSSE3 AES core implementation.  
## version 0.1  
##  
## By Mike Hamburg (Stanford University), 2009  
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## 1.540 kerberos 1.17-6ubuntu4.3

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cmd/krb5/kadmin/server/iproplib_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech_gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech_spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
```



lib/krb5/kdb/kdb\_hdr.h  
lib/krb5/kdb/kdb\_log.c  
lib/krb5/kdb/kdb\_log.h  
lib/libgss/g\_accept\_sec\_context.c  
lib/libgss/g\_acquire\_cred.c  
lib/libgss/g\_canon\_name.c  
lib/libgss/g\_compare\_name.c  
lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
lib/libgss/g\_init\_sec\_context.c  
lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
lib/libgss/g\_rel\_name.c  
lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
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lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c

lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
kprop/kpropd\_rpc.c  
kprop/kproplog.c

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## 1.547 mattn-go-isatty 0.0.3

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# 1.550 grpc-ecosystem-go-grpc-middleware

## 1.0.0

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\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/inf/FeatureControl.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/impl/choice/CollectionArgumentChoice.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/inf/ArgumentChoice.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/internal/ArgumentGroupImpl.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/impl/type/FileVerification.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/impl/type/EnumArgumentType.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/inf/ArgumentParserException.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/inf/Subparser.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/helper/ASCIITextWidthCounter.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/helper/ReflectHelper.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/internal/ParseState.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/helper/TextHelper.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/impl/action/StoreTrueArgumentAction.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/ArgumentParsers.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/internal/SubparsersImpl.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/inf/Argument.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/internal/ArgumentParserImpl.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/impl/choice/RangeArgumentChoice.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/impl/Arguments.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/impl/action/AppendArgumentAction.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-

jar/net/sourceforge/argparse4j/impl/type/StringArgumentType.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/inf/ArgumentParser.java  
\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
jar/net/sourceforge/argparse4j/impl/action/HelpArgumentAction.java  
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jar/net/sourceforge/argparse4j/impl/action/StoreConstArgumentAction.java  
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\* /opt/cola/permits/1257333064\_1642801966.95/0/argparse4j-0-8-1-sources-  
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jar/net/sourceforge/argparse4j/impl/action/CountArgumentAction.java

## 1.555 easyjson 0.7.7

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

```
    Either create a single parameter accepting the Tuple2,  
    or consider a pattern matching anonymous function: ` { case (a, b) => ... }  
val x: ((Int, Int) => Int) = (((a, b)) => a)  
      ^
```

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

```
    Either create a single parameter accepting the Tuple2,  
    or consider a pattern matching anonymous function: ` { case (param1, param2) => ... }  
val y: ((Int, Int, Int) => Int) = (((a, !!)) => a)  
      ^
```

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

```
    Either create a single parameter accepting the Tuple3,  
    or consider a pattern matching anonymous function: ` { case (param1, ..., param3) => ... }  
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)  
      ^
```

3 errors

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\* /opt/cola/permits/1212202902\_1633724936.34/0/helidon-config-yaml-1-1-0-sources-jar/io/helidon/config/yaml/package-info.java  
\* /opt/cola/permits/1212202902\_1633724936.34/0/helidon-config-yaml-1-1-0-sources-jar/io/helidon/config/yaml/internal/YamlFileTypeDetector.java  
\* /opt/cola/permits/1212202902\_1633724936.34/0/helidon-config-yaml-1-1-0-sources-jar/io/helidon/config/yaml/internal/package-info.java

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## 1.567 gzip 1.10-Ubuntu4.1

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<ftp://ftp.gnu.org/gnu/gzip/>

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```

```
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```

```
package cmd
```

```
func initBsdClause2() {  
    Licenses["frebsd"] = License{  
        Name: "Simplified BSD License",  
        PossibleMatches: []string{"frebsd", "simpbsd", "simple bsd", "2-clause bsd",
```

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```

package cmd

```
func initBsdClause3() {  
    Licenses["bsd"] = License{  
        Name: "NewBSD",  
        PossibleMatches: []string{"bsd", "newbsd", "3 clause bsd", "3-clause bsd"},  
        Header: `All rights reserved.`  
    }  
}
```

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`  
`  
}  
`
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```

```
package cmd
```



```
func initGpl2() {
Licenses["gpl2"] = License{
  Name:      "GNU General Public License 2.0",
  PossibleMatches: []string{"gpl2", "gnu gpl2", "gplv2"},
  Header: `
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```

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```

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```
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        Name: "GNU General Public License 3.0",  
        PossibleMatches: []string{"gpl3", "gplv3", "gpl", "gnu gpl3", "gnu gpl"},  
        Header: `  
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```

```
package cmd
```

```
func initApache2() {
    Licenses["apache"] = License{
        Name: "Apache 2.0",
        PossibleMatches: []string{"apache", "apache20", "apache 2.0", "apache2.0", "apache-2.0"},
        Header: `
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
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```

```
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WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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limitations under the License.`,
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Text: `
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```
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```

```
package cmd
```

```
func initMit() {
    Licenses["mit"] = License{
        Name:      "MIT License",
        PossibleMatches: []string{"mit"},
        Header: `
```

```
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jar/com/google/j2objc/annotations/Weak.java  
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-  
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jar/com/google/j2objc/annotations/OnDealloc.java  
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-
```

jar/com/google/j2objc/annotations/J2ObjCIncompatible.java  
\* /opt/cola/permits/1704412778\_1685746927.655543/0/j2objc-annotations-2-8-sources-  
jar/com/google/j2objc/annotations/LoopTranslation.java  
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jar/com/google/j2objc/annotations/RetainedLocalRef.java  
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jar/com/google/j2objc/annotations/ReflectionSupport.java  
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jar/com/google/j2objc/annotations/Property.java  
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jar/com/google/j2objc/annotations/RetainedWith.java  
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# 1.574 trylock 0.0.0-20191027065348- ff7e133a5c54

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\* markupsafe.\_speedups

\* ~~~~~

\*

\* C implementation of escaping for better performance. Used instead of  
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# 1.577 gods 1.12.0

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Source: <https://github.com/emirpasic/gods>

Upstream-Name: gods

Files-Excluded:

Godeps/\_workspace

Files:

\*

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# 1.580 iputils 20190709-3

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- web-app\_3\_0.xsd
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- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
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- javaee\_web\_services\_client\_1\_2.xsd
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- javaee\_web\_services\_1\_3.xsd
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- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
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- javaee\_web\_services\_client\_1\_4.xsd
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jar/org/jline/builtins/Less.java

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jar/org/jline/builtins/SyntaxHighlighter.java

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jar/org/jline/builtins/Tmux.java

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jar/org/jline/builtins/InputRC.java

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jar/org/jline/builtins/NfaMatcher.java

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jar/org/jline/builtins/Nano.java
```

```
*/opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-
jar/org/jline/builtins/Completers.java
```

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*/opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-
jar/org/jline/builtins/TTop.java
```

```
*/opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-
jar/org/jline/builtins/Styles.java
```

```
*/opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-
jar/org/jline/builtins/ConsoleOptionGetter.java
```

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## 1.592 metrics-jersey2 4.1.16

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# 1.595 chardet 4.0.0

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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## MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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## 1.598 failureaccess 1.0.1

## 1.599 gopkg.in-ini 1.51.0

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# 1.600 jakarta-ws-rs-api 2.1.5

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\* /opt/cola/permits/1656638364\_1682593601.2844107/0/jsr305-3-0-2-sources-9-jar/javax/annotation/concurrent/NotThreadSafe.java  
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# 1.605 prometheus-procfs 0.0.11

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io.helidon.config.yaml.internal.YamlFileTypeDetector

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```
* /opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-jar/META-  
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* /opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-jar/META-INF/native-  
image/native-image.properties
```

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io.helidon.config.yaml.internal.YamlConfigParser

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```
* /opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-jar/META-  
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jar/io/helidon/config/yaml/internal/YamlFileTypeDetector.java
* /opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-
jar/io/helidon/config/yaml/YamlConfigParserBuilder.java
* /opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-
jar/io/helidon/config/yaml/internal/package-info.java
* /opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-
jar/io/helidon/config/yaml/package-info.java
```

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Found in path(s):

```
* /opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-jar/META-
INF/maven/io.helidon.config/helidon-config-yaml/pom.xml
```

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\* /opt/cola/permits/1239779989\_1646935505.0/0/helidon-config-yaml-1-3-0-sources-jar/io/helidon/config/yaml/internal/YamlConfigParser.java

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#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdfplib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
```

```
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
# EOF
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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

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# 1.614 jwalterweatherman 1.1.0

## 1.614.1 Available under license :

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# 1.615 cracklib 2.9.6-3.2

## 1.615.1 Available under license :

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Version 2.1, February 1999

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<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

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-----



Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=  
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

> libraries under

> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

> I understand that, and you're welcome to bring it up with Alec directly  
> and see if he wants to relicense his code as LGPL... but at this point,  
> it was enough to just get it consistent and documented as to what it was  
> released under. This wasn't actually a license change, just a  
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20  
GPL-2 ... it was a modified artistic license ... i didnt notice the license=  
=20  
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=  
eir=20  
applications are also GPL-2 which imo is just wrong. it isnt the place of =  
a=20  
library to dictact to application writes what license they should be using.=  
=20  
thus LGPL-2.1 enters to fill this void.  
=20Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro  
maintainers to get together with Alec in a conversation and come to a  
decision as to what licensing scheme y'all want. I haven't really done  
much other than cleaning up the packaging and patches and a small bit of  
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan  
=20

-----  
Nathan Neulinger EMail: nneul@um...  
University of Missouri - Rolla Phone: (573) 341-6679  
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----  
> From: cracklib-devel-bounces@li...  
> [mailto:cracklib-devel-bounces@li...] On Behalf Of  
> Mike Frysinger  
> Sent: Monday, October 01, 2007 8:33 PM  
> To: Neulinger, Nathan  
> Cc: cracklib-devel@li...; Alec Muffett  
> Subject: Re: [Cracklib-devel] cracklib license  
>=20  
> On Monday 01 October 2007, Neulinger, Nathan wrote:  
> > I understand that, and you're welcome to bring it up with Alec

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> change until it was mentioned in the latest notes.  
>=20  
> unlike the old license, GPL-2 prevents people from using cracklib  
> unless their  
> applications are also GPL-2 which imo is just wrong. it isnt the  
> place of a  
> library to dictact to application writes what license they should  
> be using.  
> thus LGPL-2.1 enters to fill this void.  
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro  
> maintainers to get together with Alec in a conversation and come to a  
> decision as to what licensing scheme y'all want. I haven't really done  
> much other than cleaning up the packaging and patches and a small  
> bit of  
> additional code, so whatever licensing y'all come up with is fine  
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be  
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's  
best interests to have as secure systems as possible, and I think tainting  
it via GPL will just make it less likely that the library gets used, and  
will not usually cause companies/developers to GPL the dependent code

(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro  
>> maintainers to get together with Alec in a conversation and come to a  
>> decision as to what licensing scheme y'all want. I haven't really done  
>> much other than cleaning up the packaging and patches and a small  
>> bit of  
>> additional code, so whatever licensing y'all come up with is fine  
>> by me.  
>  
> I am sympathetic. Guys, what do you reckon?  
>  
> What I am hearing so far is that LGPL makes sense, since it can be  
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>>> Seems like the ideal thing here would be for you and the other distro  
>>> maintainers to get together with Alec in a conversation and come to a  
>>> decision as to what licensing scheme y'all want. I haven't really done  
>>> much other than cleaning up the packaging and patches and a small  
>>> bit of  
>>> additional code, so whatever licensing y'all come up with is fine  
>>> by me.  
>>  
>> I am sympathetic. Guys, what do you reckon?  
>>  
>> What I am hearing so far is that LGPL makes sense, since it can be  
>> linked with any code, not just GPL...  
>  
> My apologies for not chiming in in anything resembling a reasonable  
> timeframe.  
>  
> I'd also suggest the LGPL, for the reason you noted above. Alternately,  
> GPLv2 with the option of using the library under a later version of the  
> GPL would permit applications which were released under version 3 of the  
> GPL to use the library, too, which would be sufficient for the packages  
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.  
>  
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
the change now ?

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.

>

> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

>>> In any case, I thank you both for working on sorting this out.

>>

>> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we  
>> make the change now ?  
>  
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...  
-mike

-----  
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.  
-----

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-----  
From alecm@crypticide.com Mon Oct 1 12:26:03 2007  
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:03 -0500  
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:02 -0500  
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000  
Received: from smtp1.srv.mst.edu (131.151.1.43)  
by scanin-ipv6.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000  
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])  
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtpr020623  
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500  
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])  
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311  
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)  
Received: from [82.68.43.14] (helo=[192.168.1.3])  
by rutherford.zen.co.uk with esmtp (Exim 4.50)  
id 1IcOcX-0004Qt-6L

for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000  
Mime-Version: 1.0 (Apple Message framework v752.2)  
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
References: <1190922867.3457.147.camel@localhost.localdomain>  
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>  
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
Content-Type: text/plain; charset=US-ASCII; delp=yes; format=flowed  
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>  
Content-Transfer-Encoding: 7bit  
From: Alec Muffett <alecm@crypticide.com>  
Subject: Re: cracklib license  
Date: Mon, 1 Oct 2007 17:59:46 +0100  
To: Nathan Neulinger <nneul@neulinger.org>  
X-Mailer: Apple Mail (2.752.2)  
X-Originating-Rutherford-IP: [82.68.43.14]  
Return-Path: alecm@crypticide.com  
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]  
Status: RO  
Content-Length: 585  
Lines: 21

>  
> ----- Forwarded message -----  
> From: Neulinger, Nathan <nneul@umr.edu>  
> Date: Sep 27, 2007 2:58 PM  
> Subject: RE: cracklib license  
> To: alecm@crypto.dircon.co.uk  
>  
> Any chance you could write me a self-contained email stating clearly  
> that the license is being changed to GPL, so I could include that  
> email  
> in the repository and clean up the repository/tarballs? I have all the  
> original discussion, but something succinct and self contained  
> would be  
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

# 1.616 goautoneg 0.0.0-20191010083416-a7dc8b61c822

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## 1.618 x-term 0.6.0

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## 1.619 libgcrypt 1.8.5-5ubuntu1.1

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Damian Gryski <dgryski@gmail.com>
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compiler/cpp/src/generate/t\_ocaml\_generator.cc  
compiler/cpp/src/generate/t\_perl\_generator.cc  
compiler/cpp/src/generate/t\_php\_generator.cc  
compiler/cpp/src/generate/t\_py\_generator.cc  
compiler/cpp/src/generate/t\_rb\_generator.cc  
compiler/cpp/src/generate/t\_st\_generator.cc  
compiler/cpp/src/generate/t\_xsd\_generator.cc  
compiler/cpp/src/main.cc  
compiler/cpp/src/parse/t\_field.h  
compiler/cpp/src/parse/t\_program.h  
compiler/cpp/src/platform.h  
compiler/cpp/src/thriftl.ll  
compiler/cpp/src/thrifty.yy  
lib/csharp/src/Protocol/TBinaryProtocol.cs  
lib/csharp/src/Protocol/TField.cs  
lib/csharp/src/Protocol/TList.cs  
lib/csharp/src/Protocol/TMap.cs  
lib/csharp/src/Protocol/TMessage.cs  
lib/csharp/src/Protocol/TMessageType.cs  
lib/csharp/src/Protocol/TProtocol.cs  
lib/csharp/src/Protocol/TProtocolException.cs  
lib/csharp/src/Protocol/TProtocolFactory.cs  
lib/csharp/src/Protocol/TProtocolUtil.cs  
lib/csharp/src/Protocol/TSet.cs  
lib/csharp/src/Protocol/TStruct.cs  
lib/csharp/src/Protocol/TType.cs  
lib/csharp/src/Server/TServer.cs  
lib/csharp/src/Server/TSimpleServer.cs  
lib/csharp/src/Server/TThreadPoolServer.cs  
lib/csharp/src/TApplicationException.cs  
lib/csharp/src/Thrift.csproj

lib/csharp/src/Thrift.sln  
lib/csharp/src/TProcessor.cs  
lib/csharp/src/Transport/TServerSocket.cs  
lib/csharp/src/Transport/TServerTransport.cs  
lib/csharp/src/Transport/TSocket.cs  
lib/csharp/src/Transport/TStreamTransport.cs  
lib/csharp/src/Transport/TTransport.cs  
lib/csharp/src/Transport/TTransportException.cs  
lib/csharp/src/Transport/TTransportFactory.cs  
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs  
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lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj  
lib/rb/lib/thrift.rb  
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lib/st/thrift.st  
test/OptionalRequiredTest.cpp  
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```
# Please keep the list sorted.
#
# Use the following command to generate the list
#
# git shortlog -se | awk '{print $2 " " $3 " " $4}'
#
# and do appropriate cleanups.
```

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```
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```
# COPYING.other                *- org *-  
#+TITLE: List of code with permissive licenses as used by GnuPG.  
#+STARTUP: showall
```

\* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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## 1.634 activation-api 1.2.0

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## 1.635 go-errors-errors 1.4.0

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# 1.636 fsnotify 1.4.9

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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
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lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
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lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c



lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c

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```
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```

<signature of Ty Coon>, 1 April 1989  
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## 1.638 jersey-metainf-services 2.25.1

## 1.639 python-certifi 2021.10.08

### 1.639.1 Available under license :

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

## 1.640 k-sone-critbitgo 1.3.1- 0.20191024122315-48c9e1530131

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# 1.641 jetty-security 9.4.51.v20230217

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\* org.eclipse.jetty.orbit:javafx.security.auth.message

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- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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- \* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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#### OW2

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- org.ow2.asm:asm-commons

- org.ow2.asm:asm

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- org.apache.taglibs:taglibs-standard-spec

- org.apache.taglibs:taglibs-standard-impl

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#### MortBay

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- org.mortbay.jasper:apache-jsp

- org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
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org.eclipse.jetty.toolchain:jetty-schemas

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### 1a15be271d1d

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jar/io/netty/util/concurrent/FastThreadLocalThread.java
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
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jar/io/netty/util/NetUtilInitializations.java
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/DomainWildcardMappingBuilder.java
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
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```

```
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/internal/logging/Log4JLoggerFactory.java  
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/AbstractConstant.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/Attribute.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/concurrent/EventExecutorGroup.java  
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/Signal.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/internal/logging/CommonsLoggerFactory.java  
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/concurrent/FailedFuture.java  
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/internal/logging/InternalLoggerFactory.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/CharsetUtil.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/internal/logging/InternalLogLevel.java  
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/AttributeMap.java  
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/Constant.java  
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- \* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/ResourceLeakException.java
- \* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/concurrent/DefaultPromise.java
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- \* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/concurrent/package-info.java
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jar/io/netty/util/internal/TypeParameterMatcher.java  
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jar/io/netty/util/concurrent/AbstractEventExecutorGroup.java  
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jar/io/netty/util/concurrent/GenericFutureListener.java  
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jar/io/netty/util/internal/logging/package-info.java  
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jar/io/netty/util/Recycler.java  
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jar/io/netty/util/ResourceLeak.java  
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jar/io/netty/util/internal/AppendableCharSequence.java  
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jar/io/netty/util/concurrent/AbstractFuture.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/RecyclableArrayList.java

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jar/io/netty/util/collection/LongObjectMap.java

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jar/io/netty/util/collection/ByteObjectHashMap.java

\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/collection/CharCollections.java  
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/internal/ObjectUtil.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/collection/CharObjectHashMap.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/collection/IntObjectHashMap.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/collection/LongCollections.java  
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/collection/ByteCollections.java

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jar/io/netty/util/Mapping.java  
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jar/io/netty/util/DomainNameMapping.java  
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/BaseSpscLinkedAtomicArrayQueue.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscAtomicArrayQueue.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/shaded/org/jctools/queues/MpscCompoundQueue.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/shaded/org/jctools/queues/SupportsIterator.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpscGrowableAtomicArrayQueue.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/AtomicQueueFactory.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/shaded/org/jctools/util/Pow2.java



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 */
```

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```
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/internal/logging/Log4JLogger.java
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/internal/logging/InternalLogger.java
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
```

jar/io/netty/util/internal/logging/CommonsLogger.java

\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-

jar/io/netty/util/internal/logging/JdkLogger.java

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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-

jar/io/netty/util/concurrent/FastThreadLocalRunnable.java

\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-

jar/io/netty/util/internal/Cleaner.java

\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-

jar/io/netty/util/internal/CleanerJava9.java

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```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
```

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<modelVersion>4.0.0</modelVersion>
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<artifactId>jctools-core</artifactId>
```

```
<groupId>org.jctools</groupId>
```

```
<version>3.1.0</version>
```

```
<name>Java Concurrency Tools Core Library</name>
```

```
<description>Java Concurrency Tools Core Library</description>
```

```
<packaging>bundle</packaging>
```

```
<dependencies>
```

```
<dependency>
```

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<artifactId>hamcrest-all</artifactId>
```

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<scope>test</scope>
```

```
</dependency>
```

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<dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <version>${junit.version}</version>
  <scope>test</scope>
</dependency>

<dependency>
  <groupId>com.google.guava</groupId>
  <artifactId>guava-testlib</artifactId>
  <version>${guava-testlib.version}</version>
  <scope>test</scope>
</dependency>
</dependencies>
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    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-surefire-plugin</artifactId>
      <version>3.0.0-M3</version>
      <configuration>
        <includes>
          <include>*</include>
        </includes>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.felix</groupId>
      <artifactId>maven-bundle-plugin</artifactId>
      <version>4.2.1</version>
      <extensions>>true</extensions>
      <configuration>
        <instructions>
          <Import-Package>sun.misc;resolution:=optional</Import-Package>
        </instructions>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-source-plugin</artifactId>
      <version>3.2.0</version>
      <executions>
        <execution>
          <id>attach-sources</id>
          <phase>verify</phase>
          <goals>
            <goal>jar-no-fork</goal>
          </goals>
        </execution>
      </executions>
    </plugin>
  </plugins>
</build>

```

```

    </goals>
  </execution>
</executions>
</plugin>
<plugin>
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  <artifactId>maven-javadoc-plugin</artifactId>
  <version>3.1.1</version>
  <configuration>
    <additionalOptions>
      <additionalOption>-Xdoclint:none</additionalOption>
    </additionalOptions>
    <source>8</source>
  </configuration>
  <executions>
    <execution>
      <id>attach-javadocs</id>
      <goals>
        <goal>jar</goal>
      </goals>
    </execution>
  </executions>
</plugin>
</plugins>
</build>

<distributionManagement>
  <repository>
    <id>bintray-jctools-jctools</id>
    <name>jctools-jctools</name>
    <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/;publish=1</url>
  </repository>
</distributionManagement>

<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

<licenses>
  <license>
    <name>Apache License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<scm>
  <url>https://github.com/JCTools/JCTools</url>
  <connection>scm:git:https://github.com/JCTools/JCTools</connection>

```

```
<tag>HEAD</tag>
</scm>

<developers>
  <developer>
    <url>https://github.com/nitsanw</url>
  </developer>
  <developer>
    <url>https://github.com/mjpt777</url>
  </developer>
  <developer>
    <url>https://github.com/RichardWarburton</url>
  </developer>
  <developer>
    <url>https://github.com/kay</url>
  </developer>
  <developer>
    <url>https://github.com/franz1981</url>
  </developer>
</developers>

<prerequisites>
  <maven>3.5.0</maven>
</prerequisites>

<properties>
  <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
  <java.version>1.6</java.version>
  <java.test.version>1.8</java.test.version>

  <maven.compiler.source>${java.version}</maven.compiler.source>
  <maven.compiler.target>${java.version}</maven.compiler.target>
  <maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
  <maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

  <hamcrest.version>1.3</hamcrest.version>
  <junit.version>4.12</junit.version>
  <guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>
```

Found in path(s):

\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/internal/SuppressJava6Requirement.java

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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/SuppressForbidden.java

\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/UncheckedBooleanSupplier.java

\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/internal/LongAdderCounter.java

\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/internal/EmptyPriorityQueue.java

\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/internal/ReflectionUtil.java

\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/io/netty/util/NettyRuntime.java

```
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/internal/PriorityQueue.java
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/internal/logging/LocationAwareSlf4JLogger.java
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/internal/ObjectCleaner.java
```

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* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/internal/MathUtil.java
```

```
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/ByteProcessor.java
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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-



jar/io/netty/util/concurrent/ThreadProperties.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/PriorityQueueNode.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/concurrent/AbstractScheduledEventExecutor.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/LongCounter.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/DefaultPriorityQueue.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/DomainMappingBuilder.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/HashingStrategy.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/AsyncMapping.java

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\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/svm/PlatformDependentSubstitution.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/ObjectPool.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/svm/package-info.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/ThreadExecutorMap.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/svm/UnsafeRefArrayAccessSubstitution.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/svm/CleanerJava6Substitution.java  
\* /opt/cola/permits/1670233208\_1683702502.0110958/0/netty-common-4-1-92-final-sources-  
jar/io/netty/util/internal/ReferenceCountUpdater.java

```
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/internal/svm/PlatformDependent0Substitution.java
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/internal/Hidden.java
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io.netty.util.internal.Hidden$NettyBlockHoundIntegration
```

Found in path(s):

```
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-jar/META-
INF/services/reactor.blockhound.integration.BlockHoundIntegration
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```
* /opt/cola/permits/1670233208_1683702502.0110958/0/netty-common-4-1-92-final-sources-
jar/io/netty/util/internal/ClassInitializerUtil.java
```

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package types

```
import "time"
```

```
// FeatureType store features types
```

```
type FeatureType string
```

```
const (
```

```
    // HA means High Availability
```

```
    HA = FeatureType("HA")
```

```
    // DEV means developer licence
```

```
    DEV = FeatureType("DEV")
```

```
    // TRIAL means trial licence
```

```
    TRIAL = FeatureType("TRIAL")
```

```
)
```

```
// Licence holds the information to be encoded in the licence key. It needs to be synced across
```

```
// the django server running on portal-API as well as the corresponding decoding package on the
```

```
// storageOS control plane
```

```
type Licence struct {
```

```
    ArrayUUID string    `json:"arrayUUID,omitempty"`
```

```
    ClusterID string    `json:"clusterID,omitempty"`
```

```
    CustomerID string    `json:"customerID"`
```

```
    CustomerName string    `json:"customerName"`
```

```
    Storage int    `json:"storage"`
```

```
    ValidUntil time.Time    `json:"validUntil"`
```

```
    LicenceType string    `json:"licenceType"`
```

```
    Features map[FeatureType]bool `json:"features"`
```

```
    Unregistered bool    `json:"unregistered"`
```

```
}
```

```
// LicenceKeyContainer - stores a licence key
```

```
type LicenceKeyContainer struct {
```

```
    Key string `json:"key"`
```

```
}
```

```
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```

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package migration

```
import "fmt"

// Notice is a migration warning
type Notice struct {
    Plugin    string
    Option    string
    Severity  string // 'deprecated', 'removed', or 'unsupported'
    ReplacedBy string
    Additional string
    Version  string
}

func (n *Notice) ToString() string {
    s := ""
    if n.Option == "" {
        s += fmt.Sprintf(`Plugin "%v" `, n.Plugin)
    } else {
        s += fmt.Sprintf(`Option "%v" in plugin "%v" `, n.Option, n.Plugin)
    }
    if n.Severity == SevUnsupported {
        s += "is unsupported by this migration tool in " + n.Version + "."
    } else if n.Severity == SevNewDefault {
        s += "is added as a default in " + n.Version + "."
    } else {
        s += "is " + n.Severity + " in " + n.Version + "."
    }
    if n.ReplacedBy != "" {
```

```

s += fmt.Sprintf(` It is replaced by "%v".`, n.ReplacedBy)
}
if n.Additional != "" {
s += " " + n.Additional
}
return s
}

const (
// The following statuses are used to indicate the state of support/deprecation in a given release.
SevDeprecated = "deprecated" // deprecated, but still completely functional
SevIgnored    = "ignored"    // if included in the corefile, it will be ignored by CoreDNS
SevRemoved    = "removed"    // completely removed from CoreDNS, and would cause CoreDNS to exit if present
in the Corefile
SevNewDefault = "newdefault" // added to the default corefile. CoreDNS may not function properly if it is not
present in the corefile.
SevUnsupported = "unsupported" // the plugin/option is not supported by the migration tool

// The following statuses are used for selecting/filtering notifications
SevAll = "all" // show all statuses
)

```

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```

package spec

```
// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"`
    URL string `json:"url,omitempty"`
}
Apache License
    Version 2.0, January 2004
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package storageos

```
import (  
    "encoding/json"  
  
    "github.com/storageos/go-api/types"  
)  
  
const (  
    // licenceAPIPrefix is a partial path to the HTTP endpoint.  
    licenceAPIPrefix = "licencing"  
)  
  
// Licence returns the current licence on the server.  
func (c *Client) Licence() (*types.Licence, error) {  
    resp, err := c.do("GET", licenceAPIPrefix, doOptions{ })  
    if err != nil {  
        return nil, err  
    }  
}
```

```

}
defer resp.Body.Close()
licence := &types.Licence{}
if err := json.NewDecoder(resp.Body).Decode(&licence); err != nil {
    return nil, err
}
return licence, nil
}

// LicenceApply applies a licence on the server.
func (c *Client) LicenceApply(licenceKey string) error {
    _, err := c.do("POST", licenceAPIPrefix, doOptions{
        data: &types.LicenceKeyContainer{Key: licenceKey},
    })
    return err
}

// LicenceDelete removes the current licence.
func (c *Client) LicenceDelete() error {
    resp, err := c.do("DELETE", licenceAPIPrefix, doOptions{ })
    if err != nil {
        return err
    }
    return resp.Body.Close()
}
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```

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```

```
package simulator
```

```
import (  
    "github.com/vmware/govmomi/object"  
    "github.com/vmware/govmomi/vim25/methods"  
    "github.com/vmware/govmomi/vim25/mo"  
    "github.com/vmware/govmomi/vim25/soap"  
    "github.com/vmware/govmomi/vim25/types"  
)
```

```
// EvalLicense is the default license  
var EvalLicense = types.LicenseManagerLicenseInfo{  
    LicenseKey: "00000-00000-00000-00000-00000",  
    EditionKey: "eval",  
    Name:      "Evaluation Mode",  
    Properties: []types.KeyAnyValue{  
        {  
            Key: "feature",  
            Value: types.KeyValue{  
                Key: "serialuri:2",  
                Value: "Remote virtual Serial Port Concentrator",  
            },  
        },  
        {  
            Key: "feature",  
            Value: types.KeyValue{  
                Key: "dvs",  
                Value: "vSphere Distributed Switch",  
            },  
        },  
    },  
}
```

```
type LicenseManager struct {  
    mo.LicenseManager  
}
```

```
func NewLicenseManager(ref types.ManagedObjectReference) object.Reference {  
    m := &LicenseManager{ }  
    m.Self = ref  
    m.Licenses = []types.LicenseManagerLicenseInfo{EvalLicense}
```

```
    if Map.IsVPX() {
```

```

am := Map.Put(&LicenseAssignmentManager{}).Reference()
m.LicenseAssignmentManager = &am
}

return m
}

func (m *LicenseManager) AddLicense(req *types.AddLicense) soap.HasFault {
body := &methods.AddLicenseBody{
Res: &types.AddLicenseResponse{}},
}

for _, license := range m.Licenses {
if license.LicenseKey == req.LicenseKey {
body.Res.Returnval = licenseInfo(license.LicenseKey, license.Labels)
return body
}
}

m.Licenses = append(m.Licenses, types.LicenseManagerLicenseInfo{
LicenseKey: req.LicenseKey,
Labels: req.Labels,
}))

body.Res.Returnval = licenseInfo(req.LicenseKey, req.Labels)

return body
}

func (m *LicenseManager) RemoveLicense(req *types.RemoveLicense) soap.HasFault {
body := &methods.RemoveLicenseBody{
Res: &types.RemoveLicenseResponse{}},
}

for i, license := range m.Licenses {
if req.LicenseKey == license.LicenseKey {
m.Licenses = append(m.Licenses[:i], m.Licenses[i+1:]...)
return body
}
}
return body
}

func (m *LicenseManager) UpdateLicenseLabel(req *types.UpdateLicenseLabel) soap.HasFault {
body := &methods.UpdateLicenseLabelBody{}

for i := range m.Licenses {
license := &m.Licenses[i]

```

```

if req.LicenseKey != license.LicenseKey {
    continue
}

body.Res = new(types.UpdateLicenseLabelResponse)

for j := range license.Labels {
    label := &license.Labels[j]

    if label.Key == req.LabelKey {
        if req.LabelValue == "" {
            license.Labels = append(license.Labels[:j], license.Labels[j+1:]...)
        } else {
            label.Value = req.LabelValue
        }
        return body
    }
}

license.Labels = append(license.Labels, types.KeyValue{
    Key: req.LabelKey,
    Value: req.LabelValue,
})

return body
}

body.Fault_ = Fault("", &types.InvalidArgument{InvalidProperty: "licenseKey"})
return body
}

type LicenseAssignmentManager struct {
    mo.LicenseAssignmentManager
}

func (m *LicenseAssignmentManager) QueryAssignedLicenses(req *types.QueryAssignedLicenses) soap.HasFault
{
    body := &methods.QueryAssignedLicensesBody{
        Res: &types.QueryAssignedLicensesResponse{ },
    }

    // EntityId can be a HostSystem or the vCenter InstanceUuid
    if req.EntityId != "" {
        if req.EntityId != Map.content().About.InstanceUuid {
            id := types.ManagedObjectReference{
                Type: "HostSystem",
                Value: req.EntityId,
            }

```

```

    }

    if Map.Get(id) == nil {
        return body
    }
}

body.Res.Returnval = []types.LicenseAssignmentManagerLicenseAssignment{
    {
        EntityId:    req.EntityId,
        AssignedLicense: EvalLicense,
    },
}

return body
}

func licenseInfo(key string, labels []types.KeyValue) types.LicenseManagerLicenseInfo {
    info := EvalLicense

    info.LicenseKey = key
    info.Labels = labels

    return info
}

```

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```

```
# The list of people who have contributed code to the cmux repository.
```

```
#
```

```
# Auto-generated with:
```

```
# git log --oneline --pretty=format:'%an <%aE>' | sort -u
```

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#
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procfs provides functions to retrieve system, kernel and process

metrics from the pseudo-filesystem proc.

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

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2.5.1	2.5	2007	PSF	yes

2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes

2.6.3	2.6.2	2009	PSF	yes
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
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2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
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2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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g/KhronosGroup-glslang-5798d23/SPIRV/bitutils.h  
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g/KhronosGroup-glslang-5798d23/SPIRV/hex_float.h  
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g/KhronosGroup-glslang-5798d23/gtests/HexFloat.cpp
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/* Bison implementation for Yacc-like parsers in C
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gz/KhronosGroup-glslang-5798d23/glslang/MachineIndependent/glslang\_tab.cpp

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// LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
// CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
// LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN
// ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
// POSSIBILITY OF SUCH DAMAGE.
//

/**
 * This is bison grammar and productions for parsing all versions of the
 * GLSL shading languages.
 */
%{

/* Based on:
ANSI C Yacc grammar

```

In 1985, Jeff Lee published his Yacc grammar (which is accompanied by a matching Lex specification) for the April 30, 1985 draft version of the ANSI C standard. Tom Stockfisch reposted it to net.sources in 1987; that original, as mentioned in the answer to question 17.25 of the comp.lang.c FAQ, can be ftp'ed from ftp.uu.net, file usenet/net.sources/ansi.c.grammar.Z.

I intend to keep this version as close to the current C Standard grammar as possible; please let me know if you discover discrepancies.

Jutta Degener, 1995

```
*/
```

```
#include "SymbolTable.h"  
#include "ParseHelper.h"  
#include "../Public/ShaderLang.h"  
#include "attribute.h"
```

```
using namespace glslang;
```

```
% }
```

```
%define parse.error verbose
```

```
%union {  
  struct {  
    glslang::TSourceLoc loc;  
    union {  
      glslang::TString *string;  
      int i;  
      unsigned int u;  
      long long i64;  
      unsigned long long u64;  
      bool b;  
      double d;  
    };  
    glslang::TSymbol* symbol;  
  } lex;  
  struct {  
    glslang::TSourceLoc loc;  
    glslang::TOperator op;  
    union {  
      TIntermNode* intermNode;  
      glslang::TIntermNodePair nodePair;  
      glslang::TIntermTyped* intermTypedNode;  
      glslang::TAttributes* attributes;  
    };  
    union {  
      glslang::TPublicType type;  
      glslang::TFunction* function;  
      glslang::TParameter param;  
      glslang::TTypeLoc typeLine;  
      glslang::TTypeList* typeList;  
      glslang::TArraySizes* arraySizes;
```

```

        glslang::TIdentifierList* identifierList;
    };
} interm;
}

%{

/* windows only pragma */
#ifdef _MSC_VER
    #pragma warning(disable : 4065)
    #pragma warning(disable : 4127)
    #pragma warning(disable : 4244)
#endif

#define parseContext (*pParseContext)
#define yyerror(context, msg) context->parserError(msg)

extern int yylex(YYSSTYPE*, TParseContext&);

%}

%parse-param { glslang::TParseContext* pParseContext }
%lex-param { parseContext }
%pure-parser // enable thread safety
%expect 1 // One shift reduce conflict because of if | else

%token <lex> ATTRIBUTE VARYING
%token <lex> FLOAT16_T FLOAT FLOAT32_T DOUBLE FLOAT64_T
%token <lex> CONST BOOL INT UINT INT64_T UINT64_T INT32_T UINT32_T INT16_T UINT16_T INT8_T
UINT8_T
%token <lex> BREAK CONTINUE DO ELSE FOR IF DISCARD RETURN SWITCH CASE DEFAULT
SUBROUTINE
%token <lex> BVEC2 BVEC3 BVEC4
%token <lex> IVEC2 IVEC3 IVEC4
%token <lex> UVEC2 UVEC3 UVEC4
%token <lex> I64VEC2 I64VEC3 I64VEC4
%token <lex> U64VEC2 U64VEC3 U64VEC4
%token <lex> I32VEC2 I32VEC3 I32VEC4
%token <lex> U32VEC2 U32VEC3 U32VEC4
%token <lex> I16VEC2 I16VEC3 I16VEC4
%token <lex> U16VEC2 U16VEC3 U16VEC4
%token <lex> I8VEC2 I8VEC3 I8VEC4
%token <lex> U8VEC2 U8VEC3 U8VEC4
%token <lex> VEC2 VEC3 VEC4
%token <lex> MAT2 MAT3 MAT4 CENTROID IN OUT INOUT
%token <lex> UNIFORM PATCH SAMPLE BUFFER SHARED
%token <lex> COHERENT VOLATILE RESTRICT READONLY WRITEONLY
%token <lex> DVEC2 DVEC3 DVEC4 DMAT2 DMAT3 DMAT4

```

```

%token <lex> F16VEC2 F16VEC3 F16VEC4 F16MAT2 F16MAT3 F16MAT4
%token <lex> F32VEC2 F32VEC3 F32VEC4 F32MAT2 F32MAT3 F32MAT4
%token <lex> F64VEC2 F64VEC3 F64VEC4 F64MAT2 F64MAT3 F64MAT4
%token <lex> NOPERSPECTIVE FLAT SMOOTH LAYOUT __EXPLICITINTERPAMD

%token <lex> MAT2X2 MAT2X3 MAT2X4
%token <lex> MAT3X2 MAT3X3 MAT3X4
%token <lex> MAT4X2 MAT4X3 MAT4X4
%token <lex> DMAT2X2 DMAT2X3 DMAT2X4
%token <lex> DMAT3X2 DMAT3X3 DMAT3X4
%token <lex> DMAT4X2 DMAT4X3 DMAT4X4
%token <lex> F16MAT2X2 F16MAT2X3 F16MAT2X4
%token <lex> F16MAT3X2 F16MAT3X3 F16MAT3X4
%token <lex> F16MAT4X2 F16MAT4X3 F16MAT4X4
%token <lex> F32MAT2X2 F32MAT2X3 F32MAT2X4
%token <lex> F32MAT3X2 F32MAT3X3 F32MAT3X4
%token <lex> F32MAT4X2 F32MAT4X3 F32MAT4X4
%token <lex> F64MAT2X2 F64MAT2X3 F64MAT2X4
%token <lex> F64MAT3X2 F64MAT3X3 F64MAT3X4
%token <lex> F64MAT4X2 F64MAT4X3 F64MAT4X4
%token <lex> ATOMIC_UINT

// combined image/sampler
%token <lex> SAMPLER1D SAMPLER2D SAMPLER3D SAMPLERCUBE SAMPLER1DSHADOW
SAMPLER2DSHADOW
%token <lex> SAMPLERCUBESHADOW SAMPLER1DARRAY SAMPLER2DARRAY
SAMPLER1DARRAYSHADOW
%token <lex> SAMPLER2DARRAYSHADOW ISAMPLER1D ISAMPLER2D ISAMPLER3D ISAMPLERCUBE
%token <lex> ISAMPLER1DARRAY ISAMPLER2DARRAY USAMPLER1D USAMPLER2D USAMPLER3D
%token <lex> USAMPLERCUBE USAMPLER1DARRAY USAMPLER2DARRAY
%token <lex> SAMPLER2DRECT SAMPLER2DRECTSHADOW ISAMPLER2DRECT USAMPLER2DRECT
%token <lex> SAMPLERBUFFER ISAMPLERBUFFER USAMPLERBUFFER
%token <lex> SAMPLERCUBEARRAY SAMPLERCUBEARRAYSHADOW
%token <lex> ISAMPLERCUBEARRAY USAMPLERCUBEARRAY
%token <lex> SAMPLER2DMS ISAMPLER2DMS USAMPLER2DMS
%token <lex> SAMPLER2DMSARRAY ISAMPLER2DMSARRAY USAMPLER2DMSARRAY
%token <lex> SAMPLEREXTERNALOES

%token <lex> F16SAMPLER1D F16SAMPLER2D F16SAMPLER3D F16SAMPLER2DRECT
F16SAMPLERCUBE
%token <lex> F16SAMPLER1DARRAY F16SAMPLER2DARRAY F16SAMPLERCUBEARRAY
%token <lex> F16SAMPLERBUFFER F16SAMPLER2DMS F16SAMPLER2DMSARRAY
%token <lex> F16SAMPLER1DSHADOW F16SAMPLER2DSHADOW F16SAMPLER1DARRAYSHADOW
F16SAMPLER2DARRAYSHADOW
%token <lex> F16SAMPLER2DRECTSHADOW F16SAMPLERCUBESHADOW
F16SAMPLERCUBEARRAYSHADOW

// pure sampler

```

```

%token <lex> SAMPLER SAMPLERSHADOW

// texture without sampler
%token <lex> TEXTURE1D TEXTURE2D TEXTURE3D TEXTURECUBE
%token <lex> TEXTURE1DARRAY TEXTURE2DARRAY
%token <lex> ITEXTURE1D ITEXTURE2D ITEXTURE3D ITEXTURECUBE
%token <lex> ITEXTURE1DARRAY ITEXTURE2DARRAY UTEXTURE1D UTEXTURE2D UTEXTURE3D
%token <lex> UTEXTURECUBE UTEXTURE1DARRAY UTEXTURE2DARRAY
%token <lex> TEXTURE2DRECT ITEXTURE2DRECT UTEXTURE2DRECT
%token <lex> TEXTUREBUFFER ITEXTUREBUFFER UTEXTUREBUFFER
%token <lex> TEXTURECUBEARRAY ITEXTURECUBEARRAY UTEXTURECUBEARRAY
%token <lex> TEXTURE2DMS ITEXTURE2DMS UTEXTURE2DMS
%token <lex> TEXTURE2DMSARRAY ITEXTURE2DMSARRAY UTEXTURE2DMSARRAY

%token <lex> F16TEXTURE1D F16TEXTURE2D F16TEXTURE3D F16TEXTURE2DRECT
F16TEXTURECUBE
%token <lex> F16TEXTURE1DARRAY F16TEXTURE2DARRAY F16TEXTURECUBEARRAY
%token <lex> F16TEXTUREBUFFER F16TEXTURE2DMS F16TEXTURE2DMSARRAY

// input attachments
%token <lex> SUBPASSINPUT SUBPASSINPUTMS ISUBPASSINPUT ISUBPASSINPUTMS
USUBPASSINPUT USUBPASSINPUTMS
%token <lex> F16SUBPASSINPUT F16SUBPASSINPUTMS

%token <lex> IMAGE1D IIMAGE1D UIMAGE1D IMAGE2D IIMAGE2D
%token <lex> UIMAGE2D IMAGE3D IIMAGE3D UIMAGE3D
%token <lex> IMAGE2DRECT IIMAGE2DRECT UIMAGE2DRECT
%token <lex> IMAGECUBE IIMAGECUBE UIMAGECUBE
%token <lex> IMAGEBUFFER IIMAGEBUFFER UIMAGEBUFFER
%token <lex> IMAGE1DARRAY IIMAGE1DARRAY UIMAGE1DARRAY
%token <lex> IMAGE2DARRAY IIMAGE2DARRAY UIMAGE2DARRAY
%token <lex> IMAGECUBEARRAY IIMAGECUBEARRAY UIMAGECUBEARRAY
%token <lex> IMAGE2DMS IIMAGE2DMS UIMAGE2DMS
%token <lex> IMAGE2DMSARRAY IIMAGE2DMSARRAY UIMAGE2DMSARRAY

%token <lex> F16IMAGE1D F16IMAGE2D F16IMAGE3D F16IMAGE2DRECT
%token <lex> F16IMAGECUBE F16IMAGE1DARRAY F16IMAGE2DARRAY F16IMAGECUBEARRAY
%token <lex> F16IMAGEBUFFER F16IMAGE2DMS F16IMAGE2DMSARRAY

%token <lex> STRUCT VOID WHILE

%token <lex> IDENTIFIER TYPE_NAME
%token <lex> FLOATCONSTANT DOUBLECONSTANT INT16CONSTANT UINT16CONSTANT
INT32CONSTANT UINT32CONSTANT INTCONSTANT UINTCONSTANT INT64CONSTANT
UINT64CONSTANT BOOLCONSTANT FLOAT16CONSTANT
%token <lex> LEFT_OP RIGHT_OP
%token <lex> INC_OP DEC_OP LE_OP GE_OP EQ_OP NE_OP
%token <lex> AND_OP OR_OP XOR_OP MUL_ASSIGN DIV_ASSIGN ADD_ASSIGN

```

%token <lex> MOD\_ASSIGN LEFT\_ASSIGN RIGHT\_ASSIGN AND\_ASSIGN XOR\_ASSIGN OR\_ASSIGN

%token <lex> SUB\_ASSIGN

%token <lex> LEFT\_PAREN RIGHT\_PAREN LEFT\_BRACKET RIGHT\_BRACKET LEFT\_BRACE  
RIGHT\_BRACE DOT

%token <lex> COMMA COLON EQUAL SEMICOLON BANG DASH TILDE PLUS STAR SLASH PERCENT

%token <lex> LEFT\_ANGLE RIGHT\_ANGLE VERTICAL\_BAR CARET AMPERSAND QUESTION

%token <lex> INVARIANT PRECISE

%token <lex> HIGH\_PRECISION MEDIUM\_PRECISION LOW\_PRECISION PRECISION

%token <lex> PACKED RESOURCE SUPERP

%type <interm> assignment\_operator unary\_operator

%type <interm.intermTypedNode> variable\_identifier primary\_expression postfix\_expression

%type <interm.intermTypedNode> expression integer\_expression assignment\_expression

%type <interm.intermTypedNode> unary\_expression multiplicative\_expression additive\_expression

%type <interm.intermTypedNode> relational\_expression equality\_expression

%type <interm.intermTypedNode> conditional\_expression constant\_expression

%type <interm.intermTypedNode> logical\_or\_expression logical\_xor\_expression logical\_and\_expression

%type <interm.intermTypedNode> shift\_expression and\_expression exclusive\_or\_expression

inclusive\_or\_expression

%type <interm.intermTypedNode> function\_call initializer initializer\_list condition conditionopt

%type <interm.intermNode> translation\_unit function\_definition

%type <interm.intermNode> statement simple\_statement

%type <interm.intermNode> statement\_list switch\_statement\_list compound\_statement

%type <interm.intermNode> declaration\_statement selection\_statement selection\_statement\_nonattributed  
expression\_statement

%type <interm.intermNode> switch\_statement switch\_statement\_nonattributed case\_label

%type <interm.intermNode> declaration external\_declaration

%type <interm.intermNode> for\_init\_statement compound\_statement\_no\_new\_scope

%type <interm.nodePair> selection\_rest\_statement for\_rest\_statement

%type <interm.intermNode> iteration\_statement iteration\_statement\_nonattributed jump\_statement

statement\_no\_new\_scope statement\_scoped

%type <interm> single\_declaration init\_declarator\_list

%type <interm> parameter\_declaration parameter\_declarator parameter\_type\_specifier

%type <interm> array\_specifier

%type <interm.type> precise\_qualifier invariant\_qualifier interpolation\_qualifier storage\_qualifier  
precision\_qualifier

%type <interm.type> layout\_qualifier layout\_qualifier\_id\_list layout\_qualifier\_id

%type <interm.type> type\_qualifier fully\_specified\_type type\_specifier

%type <interm.type> single\_type\_qualifier

%type <interm.type> type\_specifier\_nonarray

%type <interm.type> struct\_specifier

```

%type <interm.typeLine> struct_declarator
%type <interm.typeList> struct_declarator_list struct_declaration struct_declaration_list type_name_list
%type <interm> block_structure
%type <interm.function> function_header function_declarator
%type <interm.function> function_header_with_parameters
%type <interm> function_call_header_with_parameters function_call_header_no_parameters function_call_generic
function_prototype
%type <interm> function_call_or_method function_identifier function_call_header

%type <interm.identifierList> identifier_list

%type <interm.attributes> attribute attribute_list single_attribute

%start translation_unit
%%

variable_identifier
: IDENTIFIER {
    $$ = parseContext.handleVariable($1.loc, $1.symbol, $1.string);
}
;

primary_expression
: variable_identifier {
    $$ = $1;
}
| INT32CONSTANT {
    parseContext.explicitInt32Check($1.loc, "32-bit signed literal");
    $$ = parseContext.intermediate.addConstantUnion($1.i, $1.loc, true);
}
| UINT32CONSTANT {
    parseContext.explicitInt32Check($1.loc, "32-bit signed literal");
    $$ = parseContext.intermediate.addConstantUnion($1.u, $1.loc, true);
}
| INTCONSTANT {
    $$ = parseContext.intermediate.addConstantUnion($1.i, $1.loc, true);
}
| UINTCONSTANT {
    parseContext.fullIntegerCheck($1.loc, "unsigned literal");
    $$ = parseContext.intermediate.addConstantUnion($1.u, $1.loc, true);
}
| INT64CONSTANT {
    parseContext.int64Check($1.loc, "64-bit integer literal");
    $$ = parseContext.intermediate.addConstantUnion($1.i64, $1.loc, true);
}
| UINT64CONSTANT {
    parseContext.int64Check($1.loc, "64-bit unsigned integer literal");
    $$ = parseContext.intermediate.addConstantUnion($1.u64, $1.loc, true);
}

```



```

}
| INT16CONSTANT {
    parseContext.explicitInt16Check($1.loc, "16-bit integer literal");
    $$ = parseContext.intermediate.addConstantUnion((short)$1.i, $1.loc, true);
}
| UINT16CONSTANT {
    parseContext.explicitInt16Check($1.loc, "16-bit unsigned integer literal");
    $$ = parseContext.intermediate.addConstantUnion((unsigned short)$1.u, $1.loc, true);
}
| FLOATCONSTANT {
    $$ = parseContext.intermediate.addConstantUnion($1.d, EbtFloat, $1.loc, true);
}
| DOUBLECONSTANT {
    parseContext.doubleCheck($1.loc, "double literal");
    $$ = parseContext.intermediate.addConstantUnion($1.d, EbtDouble, $1.loc, true);
}
| FLOAT16CONSTANT {
    parseContext.float16Check($1.loc, "half float literal");
    $$ = parseContext.intermediate.addConstantUnion($1.d, EbtFloat16, $1.loc, true);
}
| BOOLCONSTANT {
    $$ = parseContext.intermediate.addConstantUnion($1.b, $1.loc, true);
}
| LEFT_PAREN expression RIGHT_PAREN {
    $$ = $2;
    if ($$->getAsConstantUnion())
        $$->getAsConstantUnion()->setExpression();
}
;

```

postfix\_expression

```

: primary_expression {
    $$ = $1;
}
| postfix_expression LEFT_BRACKET integer_expression RIGHT_BRACKET {
    $$ = parseContext.handleBracketDereference($2.loc, $1, $3);
}
| function_call {
    $$ = $1;
}
| postfix_expression DOT IDENTIFIER {
    $$ = parseContext.handleDotDereference($3.loc, $1, *$3.string);
}
| postfix_expression INC_OP {
    parseContext.variableCheck($1);
    parseContext.IValueErrorCheck($2.loc, "++", $1);
    $$ = parseContext.handleUnaryMath($2.loc, "++", EOpPostIncrement, $1);
}

```

```

| postfix_expression DEC_OP {
    parseContext.variableCheck($1);
    parseContext.IValueErrorCheck($2.loc, "--", $1);
    $$ = parseContext.handleUnaryMath($2.loc, "--", EOpPostDecrement, $1);
}
;

integer_expression
: expression {
    parseContext.integerCheck($1, "");
    $$ = $1;
}
;

function_call
: function_call_or_method {
    $$ = parseContext.handleFunctionCall($1.loc, $1.function, $1.intermNode);
    delete $1.function;
}
;

function_call_or_method
: function_call_generic {
    $$ = $1;
}
;

function_call_generic
: function_call_header_with_parameters RIGHT_PAREN {
    $$ = $1;
    $$loc = $2.loc;
}
| function_call_header_no_parameters RIGHT_PAREN {
    $$ = $1;
    $$loc = $2.loc;
}
;

function_call_header_no_parameters
: function_call_header VOID {
    $$ = $1;
}
| function_call_header {
    $$ = $1;
}
;

function_call_header_with_parameters

```

```

: function_call_header assignment_expression {
    TParameter param = { 0, new TType };
    param.type->shallowCopy($2->getType());
    $1.function->addParameter(param);
    $$function = $1.function;
    $$intermNode = $2;
}
| function_call_header_with_parameters COMMA assignment_expression {
    TParameter param = { 0, new TType };
    param.type->shallowCopy($3->getType());
    $1.function->addParameter(param);
    $$function = $1.function;
    $$intermNode = parseContext.intermediate.growAggregate($1.intermNode, $3, $2.loc);
}
;

function_call_header
: function_identifier LEFT_PAREN {
    $$ = $1;
}
;

// Grammar Note: Constructors look like functions, but are recognized as types.

function_identifier
: type_specifier {
    // Constructor
    $$intermNode = 0;
    $$function = parseContext.handleConstructorCall($1.loc, $1);
}
| postfix_expression {
    //
    // Should be a method or subroutine call, but we haven't recognized the arguments yet.
    //
    $$function = 0;
    $$intermNode = 0;

    TIntermMethod* method = $1->getAsMethodNode();
    if (method) {
        $$function = new TFunction(&method->getMethodName(), TType(EbtInt), EOpArrayLength);
        $$intermNode = method->getObject();
    } else {
        TIntermSymbol* symbol = $1->getAsSymbolNode();
        if (symbol) {
            parseContext.reservedErrorCheck(symbol->getLoc(), symbol->getName());
            TFunction *function = new TFunction(&symbol->getName(), TType(EbtVoid));
            $$function = function;
        } else

```

```

        parseContext.error($1->getLoc(), "function call, method, or subroutine call expected", "", "");
    }

    if ($$.function == 0) {
        // error recover
        TString empty("");
        $$function = new TFunction(&empty, TType(EbtVoid), EOpNull);
    }
}
;

unary_expression
: postfix_expression {
    parseContext.variableCheck($1);
    $$ = $1;
    if (TIntermMethod* method = $1->getAsMethodNode())
        parseContext.error($1->getLoc(), "incomplete method syntax", method->getMethodName().c_str(), "");
}
| INC_OP unary_expression {
    parseContext.IValueErrorCheck($1.loc, "++", $2);
    $$ = parseContext.handleUnaryMath($1.loc, "++", EOpPreIncrement, $2);
}
| DEC_OP unary_expression {
    parseContext.IValueErrorCheck($1.loc, "--", $2);
    $$ = parseContext.handleUnaryMath($1.loc, "--", EOpPreDecrement, $2);
}
| unary_operator unary_expression {
    if ($1.op != EOpNull) {
        char errorOp[2] = {0, 0};
        switch($1.op) {
            case EOpNegative: errorOp[0] = '-'; break;
            case EOpLogicalNot: errorOp[0] = '!'; break;
            case EOpBitwiseNot: errorOp[0] = '~'; break;
            default: break; // some compilers want this
        }
        $$ = parseContext.handleUnaryMath($1.loc, errorOp, $1.op, $2);
    } else {
        $$ = $2;
        if ($$->getAsConstantUnion())
            $$->getAsConstantUnion()->setExpression();
    }
}
;

// Grammar Note: No traditional style type casts.

unary_operator
: PLUS { $$loc = $1.loc; $$op = EOpNull; }
| DASH { $$loc = $1.loc; $$op = EOpNegative; }

```

```

| BANG { $$loc = $1.loc; $$op = EOpLogicalNot; }
| TILDE { $$loc = $1.loc; $$op = EOpBitwiseNot;
        parseContext.fullIntegerCheck($1.loc, "bitwise not"); }
;
// Grammar Note: No '*' or '&' unary ops. Pointers are not supported.

multiplicative_expression
: unary_expression { $$ = $1; }
| multiplicative_expression STAR unary_expression {
    $$ = parseContext.handleBinaryMath($2.loc, "*", EOpMul, $1, $3);
    if ($$ == 0)
        $$ = $1;
}
| multiplicative_expression SLASH unary_expression {
    $$ = parseContext.handleBinaryMath($2.loc, "/", EOpDiv, $1, $3);
    if ($$ == 0)
        $$ = $1;
}
| multiplicative_expression PERCENT unary_expression {
    parseContext.fullIntegerCheck($2.loc, "%");
    $$ = parseContext.handleBinaryMath($2.loc, "%", EOpMod, $1, $3);
    if ($$ == 0)
        $$ = $1;
}
;

additive_expression
: multiplicative_expression { $$ = $1; }
| additive_expression PLUS multiplicative_expression {
    $$ = parseContext.handleBinaryMath($2.loc, "+", EOpAdd, $1, $3);
    if ($$ == 0)
        $$ = $1;
}
| additive_expression DASH multiplicative_expression {
    $$ = parseContext.handleBinaryMath($2.loc, "-", EOpSub, $1, $3);
    if ($$ == 0)
        $$ = $1;
}
;

shift_expression
: additive_expression { $$ = $1; }
| shift_expression LEFT_OP additive_expression {
    parseContext.fullIntegerCheck($2.loc, "bit shift left");
    $$ = parseContext.handleBinaryMath($2.loc, "<<", EOpLeftShift, $1, $3);
    if ($$ == 0)
        $$ = $1;
}

```

```

| shift_expression RIGHT_OP additive_expression {
    parseContext.fullIntegerCheck($2.loc, "bit shift right");
    $$ = parseContext.handleBinaryMath($2.loc, ">>", EOpRightShift, $1, $3);
    if ($$ == 0)
        $$ = $1;
}
;

relational_expression
: shift_expression { $$ = $1; }
| relational_expression LEFT_ANGLE shift_expression {
    $$ = parseContext.handleBinaryMath($2.loc, "<", EOpLessThan, $1, $3);
    if ($$ == 0)
        $$ = parseContext.intermediate.addConstantUnion(false, $2.loc);
}
| relational_expression RIGHT_ANGLE shift_expression {
    $$ = parseContext.handleBinaryMath($2.loc, ">", EOpGreaterThan, $1, $3);
    if ($$ == 0)
        $$ = parseContext.intermediate.addConstantUnion(false, $2.loc);
}
| relational_expression LE_OP shift_expression {
    $$ = parseContext.handleBinaryMath($2.loc, "<=", EOpLessThanEqual, $1, $3);
    if ($$ == 0)
        $$ = parseContext.intermediate.addConstantUnion(false, $2.loc);
}
| relational_expression GE_OP shift_expression {
    $$ = parseContext.handleBinaryMath($2.loc, ">=", EOpGreaterThanEqual, $1, $3);
    if ($$ == 0)
        $$ = parseContext.intermediate.addConstantUnion(false, $2.loc);
}
;

equality_expression
: relational_expression { $$ = $1; }
| equality_expression EQ_OP relational_expression {
    parseContext.arrayObjectCheck($2.loc, $1->getType(), "array comparison");
    parseContext.opaqueCheck($2.loc, $1->getType(), "==");
    parseContext.specializationCheck($2.loc, $1->getType(), "==");
    $$ = parseContext.handleBinaryMath($2.loc, "==", EOpEqual, $1, $3);
    if ($$ == 0)
        $$ = parseContext.intermediate.addConstantUnion(false, $2.loc);
}
| equality_expression NE_OP relational_expression {
    parseContext.arrayObjectCheck($2.loc, $1->getType(), "array comparison");
    parseContext.opaqueCheck($2.loc, $1->getType(), "!=");
    parseContext.specializationCheck($2.loc, $1->getType(), "!=");
    $$ = parseContext.handleBinaryMath($2.loc, "!=", EOpNotEqual, $1, $3);
    if ($$ == 0)

```

```

        $$ = parseContext.intermediate.addConstantUnion(false, $2.loc);
    }
;

and_expression
: equality_expression { $$ = $1; }
| and_expression AMPERSAND equality_expression {
    parseContext.fullIntegerCheck($2.loc, "bitwise and");
    $$ = parseContext.handleBinaryMath($2.loc, "&", EOpAnd, $1, $3);
    if ($$ == 0)
        $$ = $1;
}
;

exclusive_or_expression
: and_expression { $$ = $1; }
| exclusive_or_expression CARET and_expression {
    parseContext.fullIntegerCheck($2.loc, "bitwise exclusive or");
    $$ = parseContext.handleBinaryMath($2.loc, "^", EOpExclusiveOr, $1, $3);
    if ($$ == 0)
        $$ = $1;
}
;

inclusive_or_expression
: exclusive_or_expression { $$ = $1; }
| inclusive_or_expression VERTICAL_BAR exclusive_or_expression {
    parseContext.fullIntegerCheck($2.loc, "bitwise inclusive or");
    $$ = parseContext.handleBinaryMath($2.loc, "|", EOpInclusiveOr, $1, $3);
    if ($$ == 0)
        $$ = $1;
}
;

logical_and_expression
: inclusive_or_expression { $$ = $1; }
| logical_and_expression AND_OP inclusive_or_expression {
    $$ = parseContext.handleBinaryMath($2.loc, "&&", EOpLogicalAnd, $1, $3);
    if ($$ == 0)
        $$ = parseContext.intermediate.addConstantUnion(false, $2.loc);
}
;

logical_xor_expression
: logical_and_expression { $$ = $1; }
| logical_xor_expression XOR_OP logical_and_expression {
    $$ = parseContext.handleBinaryMath($2.loc, "^", EOpLogicalXor, $1, $3);
    if ($$ == 0)

```

```

    $$ = parseContext.intermediate.addConstantUnion(false, $2.loc);
}
;

logical_or_expression
: logical_xor_expression { $$ = $1; }
| logical_or_expression OR_OP logical_xor_expression {
    $$ = parseContext.handleBinaryMath($2.loc, "|", EOpLogicalOr, $1, $3);
    if ($$ == 0)
        $$ = parseContext.intermediate.addConstantUnion(false, $2.loc);
}
;

conditional_expression
: logical_or_expression { $$ = $1; }
| logical_or_expression QUESTION {
    ++parseContext.controlFlowNestingLevel;
}
expression COLON assignment_expression {
    --parseContext.controlFlowNestingLevel;
    parseContext.boolCheck($2.loc, $1);
    parseContext.rValueErrorCheck($2.loc, "?", $1);
    parseContext.rValueErrorCheck($5.loc, ":", $4);
    parseContext.rValueErrorCheck($5.loc, ":", $6);
    $$ = parseContext.intermediate.addSelection($1, $4, $6, $2.loc);
    if ($$ == 0) {
        parseContext.binaryOpError($2.loc, ":", $4->getCompleteString(), $6->getCompleteString());
        $$ = $6;
    }
}
;

assignment_expression
: conditional_expression { $$ = $1; }
| unary_expression assignment_operator assignment_expression {
    parseContext.arrayObjectCheck($2.loc, $1->getType(), "array assignment");
    parseContext.opaqueCheck($2.loc, $1->getType(), "=");
    parseContext.specializationCheck($2.loc, $1->getType(), "=");
    parseContext.IValueErrorCheck($2.loc, "assign", $1);
    parseContext.rValueErrorCheck($2.loc, "assign", $3);
    $$ = parseContext.intermediate.addAssign($2.op, $1, $3, $2.loc);
    if ($$ == 0) {
        parseContext.assignError($2.loc, "assign", $1->getCompleteString(), $3->getCompleteString());
        $$ = $1;
    }
}
;

```



```

assignment_operator
: EQUAL {
    $$loc = $1.loc;
    $$op = EOpAssign;
}
| MUL_ASSIGN {
    $$loc = $1.loc;
    $$op = EOpMulAssign;
}
| DIV_ASSIGN {
    $$loc = $1.loc;
    $$op = EOpDivAssign;
}
| MOD_ASSIGN {
    parseContext.fullIntegerCheck($1.loc, "%=");
    $$loc = $1.loc;
    $$op = EOpModAssign;
}
| ADD_ASSIGN {
    $$loc = $1.loc;
    $$op = EOpAddAssign;
}
| SUB_ASSIGN {
    $$loc = $1.loc;
    $$op = EOpSubAssign;
}
| LEFT_ASSIGN {
    parseContext.fullIntegerCheck($1.loc, "bit-shift left assign");
    $$loc = $1.loc; $$op = EOpLeftShiftAssign;
}
| RIGHT_ASSIGN {
    parseContext.fullIntegerCheck($1.loc, "bit-shift right assign");
    $$loc = $1.loc; $$op = EOpRightShiftAssign;
}
| AND_ASSIGN {
    parseContext.fullIntegerCheck($1.loc, "bitwise-and assign");
    $$loc = $1.loc; $$op = EOpAndAssign;
}
| XOR_ASSIGN {
    parseContext.fullIntegerCheck($1.loc, "bitwise-xor assign");
    $$loc = $1.loc; $$op = EOpExclusiveOrAssign;
}
| OR_ASSIGN {
    parseContext.fullIntegerCheck($1.loc, "bitwise-or assign");
    $$loc = $1.loc; $$op = EOpInclusiveOrAssign;
}
;

```

expression

```
: assignment_expression {
    $$ = $1;
}
| expression COMMA assignment_expression {
    parseContext.samplerConstructorLocationCheck($2.loc, ",", $3);
    $$ = parseContext.intermediate.addComma($1, $3, $2.loc);
    if ($$ == 0) {
        parseContext.binaryOpError($2.loc, ",", $1->getCompleteString(), $3->getCompleteString());
        $$ = $3;
    }
}
;
```

constant\_expression

```
: conditional_expression {
    parseContext.constantValueCheck($1, "");
    $$ = $1;
}
;
```

declaration

```
: function_prototype SEMICOLON {
    parseContext.handleFunctionDeclarator($1.loc, *$1.function, true /* prototype */);
    $$ = 0;
    // TODO: 4.0 functionality: subroutines: make the identifier a user type for this signature
}
| init_declarator_list SEMICOLON {
    if ($1.intermNode && $1.intermNode->getAsAggregate())
        $1.intermNode->getAsAggregate()->setOperator(EOpSequence);
    $$ = $1.intermNode;
}
| PRECISION precision_qualifier type_specifier SEMICOLON {
    parseContext.profileRequires($1.loc, ENoProfile, 130, 0, "precision statement");

    // lazy setting of the previous scope's defaults, has effect only the first time it is called in a particular scope
    parseContext.symbolTable.setPreviousDefaultPrecisions(&parseContext.defaultPrecision[0]);
    parseContext.setDefaultPrecision($1.loc, $3, $2.qualifier.precision);
    $$ = 0;
}
| block_structure SEMICOLON {
    parseContext.declareBlock($1.loc, *$1.typeList);
    $$ = 0;
}
| block_structure IDENTIFIER SEMICOLON {
    parseContext.declareBlock($1.loc, *$1.typeList, $2.string);
    $$ = 0;
}
```

```

| block_structure IDENTIFIER array_specifier SEMICOLON {
    parseContext.declareBlock($1.loc, *$1.typeList, $2.string, $3.arraySizes);
    $$ = 0;
}
| type_qualifier SEMICOLON {
    parseContext.globalQualifierFixCheck($1.loc, $1.qualifier);
    parseContext.updateStandaloneQualifierDefaults($1.loc, $1);
    $$ = 0;
}
| type_qualifier IDENTIFIER SEMICOLON {
    parseContext.checkNoShaderLayouts($1.loc, $1.shaderQualifiers);
    parseContext.addQualifierToExisting($1.loc, $1.qualifier, *$2.string);
    $$ = 0;
}
| type_qualifier IDENTIFIER identifier_list SEMICOLON {
    parseContext.checkNoShaderLayouts($1.loc, $1.shaderQualifiers);
    $3->push_back($2.string);
    parseContext.addQualifierToExisting($1.loc, $1.qualifier, *$3);
    $$ = 0;
}
;

```

block\_structure

```

: type_qualifier IDENTIFIER LEFT_BRACE { parseContext.nestedBlockCheck($1.loc); } struct_declaration_list
RIGHT_BRACE {
    --parseContext.structNestingLevel;
    parseContext.blockName = $2.string;
    parseContext.globalQualifierFixCheck($1.loc, $1.qualifier);
    parseContext.checkNoShaderLayouts($1.loc, $1.shaderQualifiers);
    parseContext.currentBlockQualifier = $1.qualifier;
    $$loc = $1.loc;
    $$typeList = $5;
}

```

identifier\_list

```

: COMMA IDENTIFIER {
    $$ = new TIdentifierList;
    $$->push_back($2.string);
}
| identifier_list COMMA IDENTIFIER {
    $$ = $1;
    $$->push_back($3.string);
}
;

```

function\_prototype

```

: function_declarator RIGHT_PAREN {
    $$function = $1;
}

```

```

    $$ .loc = $2 .loc;
}
;

function_declarator
: function_header {
    $$ = $1;
}
| function_header_with_parameters {
    $$ = $1;
}
;

function_header_with_parameters
: function_header parameter_declaration {
    // Add the parameter
    $$ = $1;
    if ($2 .param .type->getBasicType() != EbtVoid)
        $1->addParameter($2 .param);
    else
        delete $2 .param .type;
}
| function_header_with_parameters COMMA parameter_declaration {
    //
    // Only first parameter of one-parameter functions can be void
    // The check for named parameters not being void is done in parameter_declarator
    //
    if ($3 .param .type->getBasicType() == EbtVoid) {
        //
        // This parameter > first is void
        //
        parseContext.error($2 .loc, "cannot be an argument type except for '(void)', 'void', '');
        delete $3 .param .type;
    } else {
        // Add the parameter
        $$ = $1;
        $1->addParameter($3 .param);
    }
}
;

function_header
: fully_specified_type IDENTIFIER LEFT_PAREN {
    if ($1 .qualifier .storage != EvqGlobal && $1 .qualifier .storage != EvqTemporary) {
        parseContext.error($2 .loc, "no qualifiers allowed for function return",
            GetStorageQualifierString($1 .qualifier .storage), "");
    }
}

```

```

if ($1.arraySizes)
    parseContext.arraySizeRequiredCheck($1.loc, *$1.arraySizes);

// Add the function as a prototype after parsing it (we do not support recursion)
TFunction *function;
TType type($1);

// Potentially rename shader entry point function. No-op most of the time.
parseContext.renameShaderFunction($2.string);

// Make the function
function = new TFunction($2.string, type);
$$ = function;
}
;

parameter_declarator
// Type + name
: type_specifier IDENTIFIER {
    if ($1.arraySizes) {
        parseContext.profileRequires($1.loc, ENoProfile, 120, E_GL_3DL_array_objects, "arrayed type");
        parseContext.profileRequires($1.loc, EEsProfile, 300, 0, "arrayed type");
        parseContext.arraySizeRequiredCheck($1.loc, *$1.arraySizes);
    }
    if ($1.basicType == EbtVoid) {
        parseContext.error($2.loc, "illegal use of type 'void'", $2.string->c_str(), "");
    }
    parseContext.reservedErrorCheck($2.loc, *$2.string);

    TParameter param = {$2.string, new TType($1)};
    $$loc = $2.loc;
    $$param = param;
}
| type_specifier IDENTIFIER array_specifier {
    if ($1.arraySizes) {
        parseContext.profileRequires($1.loc, ENoProfile, 120, E_GL_3DL_array_objects, "arrayed type");
        parseContext.profileRequires($1.loc, EEsProfile, 300, 0, "arrayed type");
        parseContext.arraySizeRequiredCheck($1.loc, *$1.arraySizes);
    }
    parseContext.arrayDimCheck($2.loc, $1.arraySizes, $3.arraySizes);

    parseContext.arraySizeRequiredCheck($3.loc, *$3.arraySizes);
    parseContext.reservedErrorCheck($2.loc, *$2.string);

    TParameter param = { $2.string, new TType($1)};
    parseContext.arrayDimMerge(*param.type, $3.arraySizes);

    $$loc = $2.loc;

```

```

    $$param = param;
}
;

parameter_declaration
//
// With name
//
: type_qualifier parameter_declarator {
    $$ = $2;
    if ($1.qualifier.precision != EpqNone)
        $$param.type->getQualifier().precision = $1.qualifier.precision;
    parseContext.precisionQualifierCheck($$.loc, $$param.type->getBasicType(), $$param.type->getQualifier());

    parseContext.checkNoShaderLayouts($1.loc, $1.shaderQualifiers);
    parseContext.parameterTypeCheck($2.loc, $1.qualifier.storage, *$$param.type);
    parseContext.paramCheckFix($1.loc, $1.qualifier, *$$param.type);

}
| parameter_declarator {
    $$ = $1;

    parseContext.parameterTypeCheck($1.loc, EvqIn, *$1.param.type);
    parseContext.paramCheckFix($1.loc, EvqTemporary, *$$param.type);
    parseContext.precisionQualifierCheck($$.loc, $$param.type->getBasicType(), $$param.type->getQualifier());
}
//
// Without name
//
| type_qualifier parameter_type_specifier {
    $$ = $2;
    if ($1.qualifier.precision != EpqNone)
        $$param.type->getQualifier().precision = $1.qualifier.precision;
    parseContext.precisionQualifierCheck($1.loc, $$param.type->getBasicType(), $$param.type->getQualifier());

    parseContext.checkNoShaderLayouts($1.loc, $1.shaderQualifiers);
    parseContext.parameterTypeCheck($2.loc, $1.qualifier.storage, *$$param.type);
    parseContext.paramCheckFix($1.loc, $1.qualifier, *$$param.type);
}
| parameter_type_specifier {
    $$ = $1;

    parseContext.parameterTypeCheck($1.loc, EvqIn, *$1.param.type);
    parseContext.paramCheckFix($1.loc, EvqTemporary, *$$param.type);
    parseContext.precisionQualifierCheck($$.loc, $$param.type->getBasicType(), $$param.type->getQualifier());
}
;

```

```

parameter_type_specifier
: type_specifier {
    TParameter param = { 0, new TType($1) };
    $$param = param;
    if ($1.arraySizes)
        parseContext.arraySizeRequiredCheck($1.loc, *$1.arraySizes);
}
;

init_declarator_list
: single_declaration {
    $$ = $1;
}
| init_declarator_list COMMA IDENTIFIER {
    $$ = $1;
    parseContext.declareVariable($3.loc, *$3.string, $1.type);
}
| init_declarator_list COMMA IDENTIFIER array_specifier {
    $$ = $1;
    parseContext.declareVariable($3.loc, *$3.string, $1.type, $4.arraySizes);
}
| init_declarator_list COMMA IDENTIFIER array_specifier EQUAL initializer {
    $$type = $1.type;
    TIntermNode* initNode = parseContext.declareVariable($3.loc, *$3.string, $1.type, $4.arraySizes, $6);
    $$intermNode = parseContext.intermediate.growAggregate($1.intermNode, initNode, $5.loc);
}
| init_declarator_list COMMA IDENTIFIER EQUAL initializer {
    $$type = $1.type;
    TIntermNode* initNode = parseContext.declareVariable($3.loc, *$3.string, $1.type, 0, $5);
    $$intermNode = parseContext.intermediate.growAggregate($1.intermNode, initNode, $4.loc);
}
;

single_declaration
: fully_specified_type {
    $$type = $1;
    $$intermNode = 0;
    parseContext.declareTypeDefaults($$.loc, $$type);
}
| fully_specified_type IDENTIFIER {
    $$type = $1;
    $$intermNode = 0;
    parseContext.declareVariable($2.loc, *$2.string, $1);
}
| fully_specified_type IDENTIFIER array_specifier {
    $$type = $1;
    $$intermNode = 0;
    parseContext.declareVariable($2.loc, *$2.string, $1, $3.arraySizes);
}

```

```

}
| fully_specified_type IDENTIFIER array_specifier EQUAL initializer {
    $$type = $1;
    TIntermNode* initNode = parseContext.declareVariable($2.loc, *$2.string, $1, $3.arraySizes, $5);
    $$intermNode = parseContext.intermediate.growAggregate(0, initNode, $4.loc);
}
| fully_specified_type IDENTIFIER EQUAL initializer {
    $$type = $1;
    TIntermNode* initNode = parseContext.declareVariable($2.loc, *$2.string, $1, 0, $4);
    $$intermNode = parseContext.intermediate.growAggregate(0, initNode, $3.loc);
}

// Grammar Note: No 'enum', or 'typedef'.

fully_specified_type
: type_specifier {
    $$ = $1;

    parseContext.globalQualifierTypeCheck($1.loc, $1.qualifier, $$);
    if ($1.arraySizes) {
        parseContext.profileRequires($1.loc, ENoProfile, 120, E_GL_3DL_array_objects, "arrayed type");
        parseContext.profileRequires($1.loc, EEsProfile, 300, 0, "arrayed type");
    }

    parseContext.precisionQualifierCheck($$.loc, $$basicType, $$qualifier);
}
| type_qualifier type_specifier {
    parseContext.globalQualifierFixCheck($1.loc, $1.qualifier);
    parseContext.globalQualifierTypeCheck($1.loc, $1.qualifier, $2);

    if ($2.arraySizes) {
        parseContext.profileRequires($2.loc, ENoProfile, 120, E_GL_3DL_array_objects, "arrayed type");
        parseContext.profileRequires($2.loc, EEsProfile, 300, 0, "arrayed type");
    }

    if ($2.arraySizes && parseContext.arrayQualifierError($2.loc, $1.qualifier))
        $2.arraySizes = 0;

    parseContext.checkNoShaderLayouts($2.loc, $1.shaderQualifiers);
    $2.shaderQualifiers.merge($1.shaderQualifiers);
    parseContext.mergeQualifiers($2.loc, $2.qualifier, $1.qualifier, true);
    parseContext.precisionQualifierCheck($2.loc, $2.basicType, $2.qualifier);

    $$ = $2;

    if (! $$qualifier.isInterpolation() &&
        ((parseContext.language == EShLangVertex && $$qualifier.storage == EvqVaryingOut) ||
         (parseContext.language == EShLangFragment && $$qualifier.storage == EvqVaryingIn)))

```



```

        $$qualifier.smooth = true;
    }
;

invariant_qualifier
: INVARIANT {
    parseContext.globalCheck($1.loc, "invariant");
    parseContext.profileRequires($$.loc, ENoProfile, 120, 0, "invariant");
    $$init($1.loc);
    $$qualifier.invariant = true;
}
;

interpolation_qualifier
: SMOOTH {
    parseContext.globalCheck($1.loc, "smooth");
    parseContext.profileRequires($1.loc, ENoProfile, 130, 0, "smooth");
    parseContext.profileRequires($1.loc, EEsProfile, 300, 0, "smooth");
    $$init($1.loc);
    $$qualifier.smooth = true;
}
| FLAT {
    parseContext.globalCheck($1.loc, "flat");
    parseContext.profileRequires($1.loc, ENoProfile, 130, 0, "flat");
    parseContext.profileRequires($1.loc, EEsProfile, 300, 0, "flat");
    $$init($1.loc);
    $$qualifier.flat = true;
}
| NOPERSPECTIVE {
    parseContext.globalCheck($1.loc, "noperspective");
    parseContext.requireProfile($1.loc, ~EEsProfile, "noperspective");
    parseContext.profileRequires($1.loc, ENoProfile, 130, 0, "noperspective");
    $$init($1.loc);
    $$qualifier.nopersp = true;
}
| __EXPLICITINTERPAMD {
#ifdef AMD_EXTENSIONS
    parseContext.globalCheck($1.loc, "__explicitInterpAMD");
    parseContext.profileRequires($1.loc, ECoreProfile, 450, E_GL_AMD_shader_explicit_vertex_parameter,
"explicit interpolation");
    parseContext.profileRequires($1.loc, ECompatibilityProfile, 450,
E_GL_AMD_shader_explicit_vertex_parameter, "explicit interpolation");
    $$init($1.loc);
    $$qualifier.explicitInterp = true;
#endif
}
;

```

```

layout_qualifier
: LAYOUT LEFT_PAREN layout_qualifier_id_list RIGHT_PAREN {
    $$ = $3;
}
;

```

```

layout_qualifier_id_list
: layout_qualifier_id {
    $$ = $1;
}
| layout_qualifier_id_list COMMA layout_qualifier_id {
    $$ = $1;
    $$.shaderQualifiers.merge($3.shaderQualifiers);
    parseContext.mergeObjectLayoutQualifiers($$.qualifier, $3.qualifier, false);
}

```

```

layout_qualifier_id
: IDENTIFIER {
    $$.$init($1.loc);
    parseContext.setLayoutQualifier($1.loc, $$, *$1.string);
}
| IDENTIFIER EQUAL constant_expression {
    $$.$init($1.loc);
    parseContext.setLayoutQualifier($1.loc, $$, *$1.string, $3);
}
| SHARED { // because "shared" is both an identifier and a keyword
    $$.$init($1.loc);
    TString strShared("shared");
    parseContext.setLayoutQualifier($1.loc, $$, strShared);
}
;

```

```

precise_qualifier
: PRECISE {
    parseContext.profileRequires($$.loc, ECoreProfile | ECompatibilityProfile, 400, E_GL_ARB_gpu_shader5,
"precise");
    parseContext.profileRequires($1.loc, EEsProfile, 320, Num_AEP_gpu_shader5, AEP_gpu_shader5, "precise");
    $$.$init($1.loc);
    $$.$qualifier.noContraction = true;
}
;

```

```

type_qualifier
: single_type_qualifier {
    $$ = $1;
}
| type_qualifier single_type_qualifier {
    $$ = $1;
}
;

```

```

    if ($$.basicType === EbtVoid)
        $$$.basicType = $2.basicType;

    $$$.shaderQualifiers.merge($2.shaderQualifiers);
    parseContext.mergeQualifiers($$.loc, $$$.qualifier, $2.qualifier, false);
}
;

single_type_qualifier
: storage_qualifier {
    $$ = $1;
}
| layout_qualifier {
    $$ = $1;
}
| precision_qualifier {
    parseContext.checkPrecisionQualifier($1.loc, $1.qualifier.precision);
    $$ = $1;
}
| interpolation_qualifier {
    // allow inheritance of storage qualifier from block declaration
    $$ = $1;
}
| invariant_qualifier {
    // allow inheritance of storage qualifier from block declaration
    $$ = $1;
}
| precise_qualifier {
    // allow inheritance of storage qualifier from block declaration
    $$ = $1;
}
;

storage_qualifier
: CONST {
    $$$.init($1.loc);
    $$$.qualifier.storage = EvqConst; // will later turn into EvqConstReadOnly, if the initializer is not constant
}
| ATTRIBUTE {
    parseContext.requireStage($1.loc, EShLangVertex, "attribute");
    parseContext.checkDeprecated($1.loc, ECoreProfile, 130, "attribute");
    parseContext.checkDeprecated($1.loc, ENoProfile, 130, "attribute");
    parseContext.requireNotRemoved($1.loc, ECoreProfile, 420, "attribute");
    parseContext.requireNotRemoved($1.loc, EEsProfile, 300, "attribute");

    parseContext.globalCheck($1.loc, "attribute");

    $$$.init($1.loc);
}
;

```

```

    $$qualifier.storage = EvqVaryingIn;
}
| VARYING {
    parseContext.checkDeprecated($1.loc, ENoProfile, 130, "varying");
    parseContext.checkDeprecated($1.loc, ECoreProfile, 130, "varying");
    parseContext.requireNotRemoved($1.loc, ECoreProfile, 420, "varying");
    parseContext.requireNotRemoved($1.loc, EEsProfile, 300, "varying");

    parseContext.globalCheck($1.loc, "varying");

    $$init($1.loc);
    if (parseContext.language == EShLangVertex)
        $$qualifier.storage = EvqVaryingOut;
    else
        $$qualifier.storage = EvqVaryingIn;
}
| INOUT {
    parseContext.globalCheck($1.loc, "inout");
    $$init($1.loc);
    $$qualifier.storage = EvqInOut;
}
| IN {
    parseContext.globalCheck($1.loc, "in");
    $$init($1.loc);
    // whether this is a parameter "in" or a pipeline "in" will get sorted out a bit later
    $$qualifier.storage = EvqIn;
}
| OUT {
    parseContext.globalCheck($1.loc, "out");
    $$init($1.loc);
    // whether this is a parameter "out" or a pipeline "out" will get sorted out a bit later
    $$qualifier.storage = EvqOut;
}
| CENTROID {
    parseContext.profileRequires($1.loc, ENoProfile, 120, 0, "centroid");
    parseContext.profileRequires($1.loc, EEsProfile, 300, 0, "centroid");
    parseContext.globalCheck($1.loc, "centroid");
    $$init($1.loc);
    $$qualifier.centroid = true;
}
| PATCH {
    parseContext.globalCheck($1.loc, "patch");
    parseContext.requireStage($1.loc, (EShLanguageMask)(EShLangTessControlMask |
EShLangTessEvaluationMask), "patch");
    $$init($1.loc);
    $$qualifier.patch = true;
}
| SAMPLE {

```

```

    parseContext.globalCheck($1.loc, "sample");
    $$init($1.loc);
    $$qualifier.sample = true;
}
| UNIFORM {
    parseContext.globalCheck($1.loc, "uniform");
    $$init($1.loc);
    $$qualifier.storage = EvqUniform;
}
| BUFFER {
    parseContext.globalCheck($1.loc, "buffer");
    $$init($1.loc);
    $$qualifier.storage = EvqBuffer;
}
| SHARED {
    parseContext.globalCheck($1.loc, "shared");
    parseContext.profileRequires($1.loc, ECoreProfile | ECompatibilityProfile, 430, E_GL_ARB_compute_shader,
"shared");
    parseContext.profileRequires($1.loc, EEsProfile, 310, 0, "shared");
    parseContext.requireStage($1.loc, EShLangCompute, "shared");
    $$init($1.loc);
    $$qualifier.storage = EvqShared;
}
| COHERENT {
    $$init($1.loc);
    $$qualifier.coherent = true;
}
| VOLATILE {
    $$init($1.loc);
    $$qualifier.volatil = true;
}
| RESTRICT {
    $$init($1.loc);
    $$qualifier.restrict = true;
}
| READONLY {
    $$init($1.loc);
    $$qualifier.readonly = true;
}
| WRITEONLY {
    $$init($1.loc);
    $$qualifier.writeonly = true;
}
| SUBROUTINE {
    parseContext.spvRemoved($1.loc, "subroutine");
    parseContext.globalCheck($1.loc, "subroutine");
    parseContext.unimplemented($1.loc, "subroutine");
    $$init($1.loc);

```

```

}
| SUBROUTINE LEFT_PAREN type_name_list RIGHT_PAREN {
    parseContext.spvRemoved($1.loc, "subroutine");
    parseContext.globalCheck($1.loc, "subroutine");
    parseContext.unimplemented($1.loc, "subroutine");
    $$.$init($1.loc);
}
;

type_name_list
: IDENTIFIER {
    // TODO
}
| type_name_list COMMA IDENTIFIER {
    // TODO: 4.0 semantics: subroutines
    // 1) make sure each identifier is a type declared earlier with SUBROUTINE
    // 2) save all of the identifiers for future comparison with the declared function
}
;

type_specifier
: type_specifier_nonarray {
    $$ = $1;
    $$.$qualifier.precision = parseContext.getDefaultPrecision($$);
}
| type_specifier_nonarray array_specifier {
    parseContext.arrayDimCheck($2.loc, $2.arraySizes, 0);
    $$ = $1;
    $$.$qualifier.precision = parseContext.getDefaultPrecision($$);
    $$.$arraySizes = $2.arraySizes;
}
;

array_specifier
: LEFT_BRACKET RIGHT_BRACKET {
    $$.$loc = $1.loc;
    $$.$arraySizes = new TArraySizes;
    $$.$arraySizes->addInnerSize();
}
| LEFT_BRACKET conditional_expression RIGHT_BRACKET {
    $$.$loc = $1.loc;
    $$.$arraySizes = new TArraySizes;

    TArraySize size;
    parseContext.arraySizeCheck($2->getLoc(), $2, size);
    $$.$arraySizes->addInnerSize(size);
}
| array_specifier LEFT_BRACKET RIGHT_BRACKET {

```

```

    $$ = $1;
    $$.arraySizes->addInnerSize();
}
| array_specifier LEFT_BRACKET conditional_expression RIGHT_BRACKET {
    $$ = $1;

    TArraySize size;
    parseContext.arraySizeCheck($3->getLoc(), $3, size);
    $$.arraySizes->addInnerSize(size);
}
;

type_specifier_nonarray
: VOID {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtVoid;
}
| FLOAT {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
}
| DOUBLE {
    parseContext.doubleCheck($1.loc, "double");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
}
| FLOAT16_T {
    parseContext.float16Check($1.loc, "float16_t", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
}
| FLOAT32_T {
    parseContext.explicitFloat32Check($1.loc, "float32_t", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
}
| FLOAT64_T {
    parseContext.explicitFloat64Check($1.loc, "float64_t", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
}
| INT {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt;
}
| UINT {
    parseContext.fullIntegerCheck($1.loc, "unsigned integer");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());

```

```

    $$basicType = EbtUInt;
}
| INT8_T {
    parseContext.explicitInt8Check($1.loc, "8-bit signed integer", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtInt8;
}
| UINT8_T {
    parseContext.explicitInt8Check($1.loc, "8-bit unsigned integer", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtUInt8;
}
| INT16_T {
    parseContext.explicitInt16Check($1.loc, "16-bit signed integer", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtInt16;
}
| UINT16_T {
    parseContext.explicitInt16Check($1.loc, "16-bit unsigned integer",
parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtUInt16;
}
| INT32_T {
    parseContext.explicitInt32Check($1.loc, "32-bit signed integer", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtInt;
}
| UINT32_T {
    parseContext.explicitInt32Check($1.loc, "32-bit unsigned integer",
parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtUInt;
}
| INT64_T {
    parseContext.int64Check($1.loc, "64-bit integer", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtInt64;
}
| UINT64_T {
    parseContext.int64Check($1.loc, "64-bit unsigned integer", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtUInt64;
}
| BOOL {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtBool;
}
}

```



```

| VEC2 {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtFloat;
    $$setVector(2);
}
| VEC3 {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtFloat;
    $$setVector(3);
}
| VEC4 {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtFloat;
    $$setVector(4);
}
| DVEC2 {
    parseContext.doubleCheck($1.loc, "double vector");
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtDouble;
    $$setVector(2);
}
| DVEC3 {
    parseContext.doubleCheck($1.loc, "double vector");
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtDouble;
    $$setVector(3);
}
| DVEC4 {
    parseContext.doubleCheck($1.loc, "double vector");
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtDouble;
    $$setVector(4);
}
| F16VEC2 {
    parseContext.float16Check($1.loc, "half float vector", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtFloat16;
    $$setVector(2);
}
| F16VEC3 {
    parseContext.float16Check($1.loc, "half float vector", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtFloat16;
    $$setVector(3);
}
| F16VEC4 {
    parseContext.float16Check($1.loc, "half float vector", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());

```

```

    $$basicType = EbtFloat16;
    $$setVector(4);
}
| F32VEC2 {
parseContext.explicitFloat32Check($1.loc, "float32_t vector", parseContext.symbolTable.atBuiltInLevel());
$$init($1.loc, parseContext.symbolTable.atGlobalLevel());
$$basicType = EbtFloat;
$$setVector(2);
}
| F32VEC3 {
parseContext.explicitFloat32Check($1.loc, "float32_t vector", parseContext.symbolTable.atBuiltInLevel());
$$init($1.loc, parseContext.symbolTable.atGlobalLevel());
$$basicType = EbtFloat;
$$setVector(3);
}
| F32VEC4 {
parseContext.explicitFloat32Check($1.loc, "float32_t vector", parseContext.symbolTable.atBuiltInLevel());
$$init($1.loc, parseContext.symbolTable.atGlobalLevel());
$$basicType = EbtFloat;
$$setVector(4);
}
| F64VEC2 {
parseContext.explicitFloat64Check($1.loc, "float64_t vector", parseContext.symbolTable.atBuiltInLevel());
$$init($1.loc, parseContext.symbolTable.atGlobalLevel());
$$basicType = EbtDouble;
$$setVector(2);
}
| F64VEC3 {
parseContext.explicitFloat64Check($1.loc, "float64_t vector", parseContext.symbolTable.atBuiltInLevel());
$$init($1.loc, parseContext.symbolTable.atGlobalLevel());
$$basicType = EbtDouble;
$$setVector(3);
}
| F64VEC4 {
parseContext.explicitFloat64Check($1.loc, "float64_t vector", parseContext.symbolTable.atBuiltInLevel());
$$init($1.loc, parseContext.symbolTable.atGlobalLevel());
$$basicType = EbtDouble;
$$setVector(4);
}
| BVEC2 {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtBool;
    $$setVector(2);
}
| BVEC3 {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtBool;
    $$setVector(3);
}

```

```

}
| BVEC4 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtBool;
    $$.$setVector(4);
}
| IVEC2 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt;
    $$.$setVector(2);
}
| IVEC3 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt;
    $$.$setVector(3);
}
| IVEC4 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt;
    $$.$setVector(4);
}
| I8VEC2 {
    parseContext.explicitInt8Check($1.loc, "8-bit signed integer vector", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt8;
    $$.$setVector(2);
}
| I8VEC3 {
    parseContext.explicitInt8Check($1.loc, "8-bit signed integer vector", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt8;
    $$.$setVector(3);
}
| I8VEC4 {
    parseContext.explicitInt8Check($1.loc, "8-bit signed integer vector", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt8;
    $$.$setVector(4);
}
| I16VEC2 {
    parseContext.explicitInt16Check($1.loc, "16-bit signed integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt16;
    $$.$setVector(2);
}
| I16VEC3 {
    parseContext.explicitInt16Check($1.loc, "16-bit signed integer vector",

```

```

parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt16;
    $$.$setVector(3);
}
| I16VEC4 {
    parseContext.explicitInt16Check($1.loc, "16-bit signed integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt16;
    $$.$setVector(4);
}
| I32VEC2 {
    parseContext.explicitInt32Check($1.loc, "32-bit signed integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt;
    $$.$setVector(2);
}
| I32VEC3 {
    parseContext.explicitInt32Check($1.loc, "32-bit signed integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt;
    $$.$setVector(3);
}
| I32VEC4 {
    parseContext.explicitInt32Check($1.loc, "32-bit signed integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt;
    $$.$setVector(4);
}
| I64VEC2 {
    parseContext.int64Check($1.loc, "64-bit integer vector", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt64;
    $$.$setVector(2);
}
| I64VEC3 {
    parseContext.int64Check($1.loc, "64-bit integer vector", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtInt64;
    $$.$setVector(3);
}
| I64VEC4 {
    parseContext.int64Check($1.loc, "64-bit integer vector", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());

```

```

    $$basicType = EbtInt64;
    $$setVector(4);
}
| UVEC2 {
    parseContext.fullIntegerCheck($1.loc, "unsigned integer vector");
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtUint;
    $$setVector(2);
}
| UVEC3 {
    parseContext.fullIntegerCheck($1.loc, "unsigned integer vector");
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtUint;
    $$setVector(3);
}
| UVEC4 {
    parseContext.fullIntegerCheck($1.loc, "unsigned integer vector");
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtUint;
    $$setVector(4);
}
| U8VEC2 {
    parseContext.explicitInt8Check($1.loc, "8-bit unsigned integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtUint8;
    $$setVector(2);
}
| U8VEC3 {
    parseContext.explicitInt8Check($1.loc, "8-bit unsigned integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtInt8;
    $$setVector(3);
}
| U8VEC4 {
    parseContext.explicitInt8Check($1.loc, "8-bit unsigned integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtUint8;
    $$setVector(4);
}
| U16VEC2 {
    parseContext.explicitInt16Check($1.loc, "16-bit unsigned integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtUint16;
    $$setVector(2);
}

```

```

}
| U16VEC3 {
    parseContext.explicitInt16Check($1.loc, "16-bit unsigned integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtUint16;
    $$.$setVector(3);
}
| U16VEC4 {
    parseContext.explicitInt16Check($1.loc, "16-bit unsigned integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtUint16;
    $$.$setVector(4);
}
| U32VEC2 {
    parseContext.explicitInt32Check($1.loc, "32-bit unsigned integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtUint;
    $$.$setVector(2);
}
| U32VEC3 {
    parseContext.explicitInt32Check($1.loc, "32-bit unsigned integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtUint;
    $$.$setVector(3);
}
| U32VEC4 {
    parseContext.explicitInt32Check($1.loc, "32-bit unsigned integer vector",
parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtUint;
    $$.$setVector(4);
}
| U64VEC2 {
    parseContext.int64Check($1.loc, "64-bit unsigned integer vector", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtUint64;
    $$.$setVector(2);
}
| U64VEC3 {
    parseContext.int64Check($1.loc, "64-bit unsigned integer vector", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtUint64;
    $$.$setVector(3);
}
}

```

```

| U64VEC4 {
    parseContext.int64Check($1.loc, "64-bit unsigned integer vector", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtUint64;
    $$.$setVector(4);
}
| MAT2 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(2, 2);
}
| MAT3 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(3, 3);
}
| MAT4 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(4, 4);
}
| MAT2X2 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(2, 2);
}
| MAT2X3 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(2, 3);
}
| MAT2X4 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(2, 4);
}
| MAT3X2 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(3, 2);
}
| MAT3X3 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(3, 3);
}
| MAT3X4 {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());

```

```

    $$.basicType = EbtFloat;
    $$.setMatrix(3, 4);
}
| MAT4X2 {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtFloat;
    $$.setMatrix(4, 2);
}
| MAT4X3 {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtFloat;
    $$.setMatrix(4, 3);
}
| MAT4X4 {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtFloat;
    $$.setMatrix(4, 4);
}
| DMAT2 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtDouble;
    $$.setMatrix(2, 2);
}
| DMAT3 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtDouble;
    $$.setMatrix(3, 3);
}
| DMAT4 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtDouble;
    $$.setMatrix(4, 4);
}
| DMAT2X2 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtDouble;
    $$.setMatrix(2, 2);
}
| DMAT2X3 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtDouble;
    $$.setMatrix(2, 3);
}
}

```



```

| DMAT2X4 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
    $$.$setMatrix(2, 4);
}
| DMAT3X2 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
    $$.$setMatrix(3, 2);
}
| DMAT3X3 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
    $$.$setMatrix(3, 3);
}
| DMAT3X4 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
    $$.$setMatrix(3, 4);
}
| DMAT4X2 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
    $$.$setMatrix(4, 2);
}
| DMAT4X3 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
    $$.$setMatrix(4, 3);
}
| DMAT4X4 {
    parseContext.doubleCheck($1.loc, "double matrix");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
    $$.$setMatrix(4, 4);
}
| F16MAT2 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(2, 2);
}

```

```

| F16MAT3 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(3, 3);
}
| F16MAT4 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(4, 4);
}
| F16MAT2X2 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(2, 2);
}
| F16MAT2X3 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(2, 3);
}
| F16MAT2X4 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(2, 4);
}
| F16MAT3X2 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(3, 2);
}
| F16MAT3X3 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(3, 3);
}
| F16MAT3X4 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(3, 4);
}

```

```

| F16MAT4X2 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(4, 2);
}
| F16MAT4X3 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(4, 3);
}
| F16MAT4X4 {
    parseContext.float16Check($1.loc, "half float matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat16;
    $$.$setMatrix(4, 4);
}
| F32MAT2 {
    parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(2, 2);
}
| F32MAT3 {
    parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(3, 3);
}
| F32MAT4 {
    parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(4, 4);
}
| F32MAT2X2 {
    parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(2, 2);
}
| F32MAT2X3 {
    parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtFloat;
    $$.$setMatrix(2, 3);
}

```

```

| F32MAT2X4 {
  parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtFloat;
  $$.$setMatrix(2, 4);
}
| F32MAT3X2 {
  parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtFloat;
  $$.$setMatrix(3, 2);
}
| F32MAT3X3 {
  parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtFloat;
  $$.$setMatrix(3, 3);
}
| F32MAT3X4 {
  parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtFloat;
  $$.$setMatrix(3, 4);
}
| F32MAT4X2 {
  parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtFloat;
  $$.$setMatrix(4, 2);
}
| F32MAT4X3 {
  parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtFloat;
  $$.$setMatrix(4, 3);
}
| F32MAT4X4 {
  parseContext.explicitFloat32Check($1.loc, "float32_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtFloat;
  $$.$setMatrix(4, 4);
}
| F64MAT2 {
  parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtDouble;
  $$.$setMatrix(2, 2);
}

```

```

| F64MAT3 {
  parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtDouble;
  $$.$setMatrix(3, 3);
}
| F64MAT4 {
  parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtDouble;
  $$.$setMatrix(4, 4);
}
| F64MAT2X2 {
  parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtDouble;
  $$.$setMatrix(2, 2);
}
| F64MAT2X3 {
  parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtDouble;
  $$.$setMatrix(2, 3);
}
| F64MAT2X4 {
  parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtDouble;
  $$.$setMatrix(2, 4);
}
| F64MAT3X2 {
  parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtDouble;
  $$.$setMatrix(3, 2);
}
| F64MAT3X3 {
  parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtDouble;
  $$.$setMatrix(3, 3);
}
| F64MAT3X4 {
  parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
  $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
  $$.$basicType = EbtDouble;
  $$.$setMatrix(3, 4);
}

```

```

| F64MAT4X2 {
    parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
    $$.$setMatrix(4, 2);
}
| F64MAT4X3 {
    parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
    $$.$setMatrix(4, 3);
}
| F64MAT4X4 {
    parseContext.explicitFloat64Check($1.loc, "float64_t matrix", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtDouble;
    $$.$setMatrix(4, 4);
}
| ATOMIC_UINT {
    parseContext.vulkanRemoved($1.loc, "atomic counter types");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtAtomicUint;
}
| SAMPLER1D {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, Esd1D);
}
| SAMPLER2D {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, Esd2D);
}
| SAMPLER3D {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, Esd3D);
}
| SAMPLERCUBE {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, EsdCube);
}
| SAMPLER1DSHADOW {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, Esd1D, false, true);
}
}

```

```

| SAMPLER2DSHADOW {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, Esd2D, false, true);
}
| SAMPLERCUBESHADOW {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, EsdCube, false, true);
}
| SAMPLER1DARRAY {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, Esd1D, true);
}
| SAMPLER2DARRAY {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, Esd2D, true);
}
| SAMPLER1DARRAYSHADOW {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, Esd1D, true, true);
}
| SAMPLER2DARRAYSHADOW {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, Esd2D, true, true);
}
| SAMPLERCUBEARRAY {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, EsdCube, true);
}
| SAMPLERCUBEARRAYSHADOW {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, EsdCube, true, true);
}
| F16SAMPLER1D {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, Esd1D);
#endif
}

```

```

| F16SAMPLER2D {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, Esd2D);
#endif
}
| F16SAMPLER3D {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, Esd3D);
#endif
}
| F16SAMPLERCUBE {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, EsdCube);
#endif
}
| F16SAMPLER1DSHADOW {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, Esd1D, false, true);
#endif
}
| F16SAMPLER2DSHADOW {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, Esd2D, false, true);
#endif
}
| F16SAMPLERCUBESHADOW {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, EsdCube, false, true);
#endif
}

```



```

| F16SAMPLER1DARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, Esd1D, true);
#endif
}
| F16SAMPLER2DARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, Esd2D, true);
#endif
}
| F16SAMPLER1DARRAYSHADOW {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, Esd1D, true, true);
#endif
}
| F16SAMPLER2DARRAYSHADOW {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, Esd2D, true, true);
#endif
}
| F16SAMPLERCUBEARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, EsdCube, true);
#endif
}
| F16SAMPLERCUBEARRAYSHADOW {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, EsdCube, true, true);
#endif
}

```

```

| ISAMPLER1D {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtSampler;
    $$sampler.set(EbtInt, Esd1D);
}
| ISAMPLER2D {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtInt, Esd2D);
}
| ISAMPLER3D {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtInt, Esd3D);
}
| ISAMPLERCUBE {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtInt, EsdCube);
}
| ISAMPLER1DARRAY {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtInt, Esd1D, true);
}
| ISAMPLER2DARRAY {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtInt, Esd2D, true);
}
| ISAMPLERCUBEARRAY {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtInt, EsdCube, true);
}
| USAMPLER1D {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtUInt, Esd1D);
}
| USAMPLER2D {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtUInt, Esd2D);
}
| USAMPLER3D {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;

```

```

    $$sampler.set(EbtUint, Esd3D);
}
| USAMPLERCUBE {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtUint, EsdCube);
}
| USAMPLER1DARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtUint, Esd1D, true);
}
| USAMPLER2DARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtUint, Esd2D, true);
}
| USAMPLERCUBEARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtUint, EsdCube, true);
}
| SAMPLER2DRECT {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtFloat, EsdRect);
}
| SAMPLER2DRECTSHADOW {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtFloat, EsdRect, false, true);
}
| F16SAMPLER2DRECT {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtFloat16, EsdRect);
#endif
}
| F16SAMPLER2DRECTSHADOW {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtFloat16, EsdRect, false, true);
#endif
}
}

```

```

| ISAMPLER2DRECT {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtInt, EsdRect);
}
| USAMPLER2DRECT {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtUint, EsdRect);
}
| SAMPLERBUFFER {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, EsdBuffer);
}
| F16SAMPLERBUFFER {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, EsdBuffer);
#endif
}
| ISAMPLERBUFFER {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtInt, EsdBuffer);
}
| USAMPLERBUFFER {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtUint, EsdBuffer);
}
| SAMPLER2DMS {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat, Esd2D, false, false, true);
}
| F16SAMPLER2DMS {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.set(EbtFloat16, Esd2D, false, false, true);
#endif
}
| ISAMPLER2DMS {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());

```

```

    $$basicType = EbtSampler;
    $$sampler.set(EbtInt, Esd2D, false, false, true);
}
| USAMPLER2DMS {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtUint, Esd2D, false, false, true);
}
| SAMPLER2DMSARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtFloat, Esd2D, true, false, true);
}
| F16SAMPLER2DMSARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float sampler", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtFloat16, Esd2D, true, false, true);
#endif
}
| ISAMPLER2DMSARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtInt, Esd2D, true, false, true);
}
| USAMPLER2DMSARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtUint, Esd2D, true, false, true);
}
| SAMPLER {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setPureSampler(false);
}
| SAMPLERSHADOW {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setPureSampler(true);
}
| TEXTURE1D {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtFloat, Esd1D);
}
| F16TEXTURE1D {
#ifdef AMD_EXTENSIONS

```

```

    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat16, Esd1D);
#endif
}
| TEXTURE2D {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat, Esd2D);
}
| F16TEXTURE2D {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat16, Esd2D);
#endif
}
| TEXTURE3D {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat, Esd3D);
}
| F16TEXTURE3D {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat16, Esd3D);
#endif
}
}
| TEXTURECUBE {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat, EsdCube);
}
| F16TEXTURECUBE {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat16, EsdCube);
#endif
}
}
| TEXTURE1DARRAY {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;

```

```

    $$sampler.setTexture(EbtFloat, Esd1D, true);
}
| F16TEXTURE1DARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtFloat16, Esd1D, true);
#endif
}
| TEXTURE2DARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtFloat, Esd2D, true);
}
| F16TEXTURE2DARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtFloat16, Esd2D, true);
#endif
}
| TEXTURECUBEARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtFloat, EsdCube, true);
}
| F16TEXTURECUBEARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtFloat16, EsdCube, true);
#endif
}
| ITEXTURE1D {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtInt, Esd1D);
}
| ITEXTURE2D {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtInt, Esd2D);
}
| ITEXTURE3D {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());

```

```

    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtInt, Esd3D);
}
| ITEXTURECUBE {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtInt, EsdCube);
}
| ITEXTURE1DARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtInt, Esd1D, true);
}
| ITEXTURE2DARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtInt, Esd2D, true);
}
| ITEXTURECUBEARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtInt, EsdCube, true);
}
| UTEXTURE1D {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtUint, Esd1D);
}
| UTEXTURE2D {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtUint, Esd2D);
}
| UTEXTURE3D {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtUint, Esd3D);
}
| UTEXTURECUBE {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtUint, EsdCube);
}
| UTEXTURE1DARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtUint, Esd1D, true);
}
}

```



```

| UTEXTURE2DARRAY {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtUint, Esd2D, true);
}
| UTEXTURECUBEARRAY {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtUint, EsdCube, true);
}
| TEXTURE2DRECT {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat, EsdRect);
}
| F16TEXTURE2DRECT {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat16, EsdRect);
#endif
}
| ITEXTURE2DRECT {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtInt, EsdRect);
}
| UTEXTURE2DRECT {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtUint, EsdRect);
}
| TEXTUREBUFFER {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat, EsdBuffer);
}
| F16TEXTUREBUFFER {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtFloat16, EsdBuffer);
#endif
}
| ITEXTUREBUFFER {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
}

```

```

    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtInt, EsdBuffer);
}
| UTEXTUREBUFFER {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtUint, EsdBuffer);
}
| TEXTURE2DMS {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtFloat, Esd2D, false, false, true);
}
| F16TEXTURE2DMS {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtFloat16, Esd2D, false, false, true);
#endif
}
| ITEXTURE2DMS {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtInt, Esd2D, false, false, true);
}
| UTEXTURE2DMS {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtUint, Esd2D, false, false, true);
}
| TEXTURE2DMSARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtFloat, Esd2D, true, false, true);
}
| F16TEXTURE2DMSARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float texture", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtFloat16, Esd2D, true, false, true);
#endif
}
| ITEXTURE2DMSARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setTexture(EbtInt, Esd2D, true, false, true);
}

```

```

}
| UTEXTURE2DMSARRAY {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setTexture(EbtUint, Esd2D, true, false, true);
}
| IMAGE1D {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setImage(EbtFloat, Esd1D);
}
| F16IMAGE1D {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setImage(EbtFloat16, Esd1D);
#endif
}
| IIMAGE1D {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setImage(EbtInt, Esd1D);
}
| UIMAGE1D {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setImage(EbtUint, Esd1D);
}
| IMAGE2D {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setImage(EbtFloat, Esd2D);
}
| F16IMAGE2D {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setImage(EbtFloat16, Esd2D);
#endif
}
| IIMAGE2D {
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setImage(EbtInt, Esd2D);
}
| UIMAGE2D {

```

```

    $$ .init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$ .basicType = EbtSampler;
    $$ .sampler.setImage(EbtUint, Esd2D);
}
| IMAGE3D {
    $$ .init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$ .basicType = EbtSampler;
    $$ .sampler.setImage(EbtFloat, Esd3D);
}
| F16IMAGE3D {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$ .init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$ .basicType = EbtSampler;
    $$ .sampler.setImage(EbtFloat16, Esd3D);
#endif
}
| IIMAGE3D {
    $$ .init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$ .basicType = EbtSampler;
    $$ .sampler.setImage(EbtInt, Esd3D);
}
| UIMAGE3D {
    $$ .init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$ .basicType = EbtSampler;
    $$ .sampler.setImage(EbtUint, Esd3D);
}
| IMAGE2DRECT {
    $$ .init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$ .basicType = EbtSampler;
    $$ .sampler.setImage(EbtFloat, EsdRect);
}
| F16IMAGE2DRECT {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$ .init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$ .basicType = EbtSampler;
    $$ .sampler.setImage(EbtFloat16, EsdRect);
#endif
}
| IIMAGE2DRECT {
    $$ .init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$ .basicType = EbtSampler;
    $$ .sampler.setImage(EbtInt, EsdRect);
}
| UIMAGE2DRECT {
    $$ .init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$ .basicType = EbtSampler;

```

```

    $$sampler.setImage(EbtUint, EsdRect);
}
| IMAGECUBE {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtFloat, EsdCube);
}
| F16IMAGECUBE {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtFloat16, EsdCube);
#endif
}
| IIMAGECUBE {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtInt, EsdCube);
}
| UIMAGECUBE {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtUint, EsdCube);
}
| IMAGEBUFFER {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtFloat, EsdBuffer);
}
| F16IMAGEBUFFER {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtFloat16, EsdBuffer);
#endif
}
| IIMAGEBUFFER {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtInt, EsdBuffer);
}
| UIMAGEBUFFER {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtUint, EsdBuffer);
}
}

```

```

| IMAGE1DARRAY {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtSampler;
    $$.sampler.setImage(EbtFloat, Esd1D, true);
}
| F16IMAGE1DARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtSampler;
    $$.sampler.setImage(EbtFloat16, Esd1D, true);
#endif
}
| IIMAGE1DARRAY {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtSampler;
    $$.sampler.setImage(EbtInt, Esd1D, true);
}
| UIMAGE1DARRAY {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtSampler;
    $$.sampler.setImage(EbtUint, Esd1D, true);
}
| IMAGE2DARRAY {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtSampler;
    $$.sampler.setImage(EbtFloat, Esd2D, true);
}
| F16IMAGE2DARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtSampler;
    $$.sampler.setImage(EbtFloat16, Esd2D, true);
#endif
}
| IIMAGE2DARRAY {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtSampler;
    $$.sampler.setImage(EbtInt, Esd2D, true);
}
| UIMAGE2DARRAY {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.basicType = EbtSampler;
    $$.sampler.setImage(EbtUint, Esd2D, true);
}
| IMAGECUBEARRAY {
    $$.init($1.loc, parseContext.symbolTable.atGlobalLevel());

```

```

    $$basicType = EbtSampler;
    $$sampler.setImage(EbtFloat, EsdCube, true);
}
| F16IMAGECUBEARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtFloat16, EsdCube, true);
#endif
}
| IIMAGECUBEARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtInt, EsdCube, true);
}
| UIMAGECUBEARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtUint, EsdCube, true);
}
| IMAGE2DMS {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtFloat, Esd2D, false, false, true);
}
| F16IMAGE2DMS {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtFloat16, Esd2D, false, false, true);
#endif
}
| IIMAGE2DMS {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtInt, Esd2D, false, false, true);
}
| UIMAGE2DMS {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtUint, Esd2D, false, false, true);
}
| IMAGE2DMSARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtFloat, Esd2D, true, false, true);
}

```

```

}
| F16IMAGE2DMSARRAY {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float image", parseContext.symbolTable.atBuiltInLevel());
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtFloat16, Esd2D, true, false, true);
#endif
}
| IIMAGE2DMSARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtInt, Esd2D, true, false, true);
}
| UIMAGE2DMSARRAY {
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setImage(EbtUint, Esd2D, true, false, true);
}
| SAMPLEREXTERNALOES { // GL_OES_EGL_image_external
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.set(EbtFloat, Esd2D);
    $$sampler.external = true;
}
| SUBPASSINPUT {
    parseContext.requireStage($1.loc, EShLangFragment, "subpass input");
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setSubpass(EbtFloat);
}
| SUBPASSINPUTMS {
    parseContext.requireStage($1.loc, EShLangFragment, "subpass input");
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setSubpass(EbtFloat, true);
}
| F16SUBPASSINPUT {
#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float subpass input",
parseContext.symbolTable.atBuiltInLevel());
    parseContext.requireStage($1.loc, EShLangFragment, "subpass input");
    $$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$basicType = EbtSampler;
    $$sampler.setSubpass(EbtFloat16);
#endif
}
| F16SUBPASSINPUTMS {

```



```

#ifdef AMD_EXTENSIONS
    parseContext.float16OpaqueCheck($1.loc, "half float subpass input",
    parseContext.symbolTable.atBuiltInLevel());
    parseContext.requireStage($1.loc, EShLangFragment, "subpass input");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setSubpass(EbtFloat16, true);
#endif
}
| ISUBPASSINPUT {
    parseContext.requireStage($1.loc, EShLangFragment, "subpass input");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setSubpass(EbtInt);
}
| ISUBPASSINPUTMS {
    parseContext.requireStage($1.loc, EShLangFragment, "subpass input");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setSubpass(EbtInt, true);
}
| USUBPASSINPUT {
    parseContext.requireStage($1.loc, EShLangFragment, "subpass input");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setSubpass(EbtUInt);
}
| USUBPASSINPUTMS {
    parseContext.requireStage($1.loc, EShLangFragment, "subpass input");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    $$.$basicType = EbtSampler;
    $$.$sampler.setSubpass(EbtUInt, true);
}
| struct_specifier {
    $$ = $1;
    $$.$qualifier.storage = parseContext.symbolTable.atGlobalLevel() ? EvqGlobal : EvqTemporary;
    parseContext.structTypeCheck($$.loc, $$);
}
| TYPE_NAME {
    //
    // This is for user defined type names. The lexical phase looked up the
    // type.
    //
    if (const TVariable* variable = ($1.symbol)->getAsVariable()) {
        const TType& structure = variable->getType();
        $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
        $$.$basicType = EbtStruct;
        $$.$userDef = &structure;
    }
}

```

```

    } else
        parseContext.error($1.loc, "expected type name", $1.string->c_str(), "");
    }
;

precision_qualifier
: HIGH_PRECISION {
    parseContext.profileRequires($1.loc, ENoProfile, 130, 0, "highp precision qualifier");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    parseContext.handlePrecisionQualifier($1.loc, $$.$qualifier, EpqHigh);
}
| MEDIUM_PRECISION {
    parseContext.profileRequires($1.loc, ENoProfile, 130, 0, "mediump precision qualifier");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    parseContext.handlePrecisionQualifier($1.loc, $$.$qualifier, EpqMedium);
}
| LOW_PRECISION {
    parseContext.profileRequires($1.loc, ENoProfile, 130, 0, "lowp precision qualifier");
    $$.$init($1.loc, parseContext.symbolTable.atGlobalLevel());
    parseContext.handlePrecisionQualifier($1.loc, $$.$qualifier, EpqLow);
}
;

struct_specifier
: STRUCT IDENTIFIER LEFT_BRACE { parseContext.nestedStructCheck($1.loc); } struct_declaration_list
RIGHT_BRACE {
    TType* structure = new TType($5, *$2.string);
    parseContext.structArrayCheck($2.loc, *structure);
    TVariable* userTypeDef = new TVariable($2.string, *structure, true);
    if (! parseContext.symbolTable.insert(*userTypeDef))
        parseContext.error($2.loc, "redefinition", $2.string->c_str(), "struct");
    $$.$init($1.loc);
    $$.$basicType = EbtStruct;
    $$.$userDef = structure;
    --parseContext.structNestingLevel;
}
| STRUCT LEFT_BRACE { parseContext.nestedStructCheck($1.loc); } struct_declaration_list RIGHT_BRACE {
    TType* structure = new TType($4, TString(""));
    $$.$init($1.loc);
    $$.$basicType = EbtStruct;
    $$.$userDef = structure;
    --parseContext.structNestingLevel;
}
;

struct_declaration_list
: struct_declaration {
    $$ = $1;

```

```

}
| struct_declaration_list struct_declaration {
    $$ = $1;
    for (unsigned int i = 0; i < $2->size(); ++i) {
        for (unsigned int j = 0; j < $$->size(); ++j) {
            if ((*$$)[j].type->getFieldName() == (*$2)[i].type->getFieldName())
                parseContext.error((*$2)[i].loc, "duplicate member name:", "", (*$2)[i].type->getFieldName().c_str());
        }
        $$->push_back((*$2)[i]);
    }
}
;

```

struct\_declaration

```

: type_specifier struct_declarator_list SEMICOLON {
    if ($1.arraySizes) {
        parseContext.profileRequires($1.loc, ENoProfile, 120, E_GL_3DL_array_objects, "arrayed type");
        parseContext.profileRequires($1.loc, EEsProfile, 300, 0, "arrayed type");
        if (parseContext.profile == EEsProfile)
            parseContext.arraySizeRequiredCheck($1.loc, *$1.arraySizes);
    }

    $$ = $2;

    parseContext.voidErrorCheck($1.loc, (*$2)[0].type->getFieldName(), $1.basicType);
    parseContext.precisionQualifierCheck($1.loc, $1.basicType, $1.qualifier);

    for (unsigned int i = 0; i < $$->size(); ++i) {
        parseContext.arrayDimCheck($1.loc, (*$$)[i].type, $1.arraySizes);
        (*$$)[i].type->mergeType($1);
    }
}
| type_qualifier type_specifier struct_declarator_list SEMICOLON {
    parseContext.globalQualifierFixCheck($1.loc, $1.qualifier);
    if ($2.arraySizes) {
        parseContext.profileRequires($2.loc, ENoProfile, 120, E_GL_3DL_array_objects, "arrayed type");
        parseContext.profileRequires($2.loc, EEsProfile, 300, 0, "arrayed type");
        if (parseContext.profile == EEsProfile)
            parseContext.arraySizeRequiredCheck($2.loc, *$2.arraySizes);
    }

    $$ = $3;

    parseContext.checkNoShaderLayouts($1.loc, $1.shaderQualifiers);
    parseContext.voidErrorCheck($2.loc, (*$3)[0].type->getFieldName(), $2.basicType);
    parseContext.mergeQualifiers($2.loc, $2.qualifier, $1.qualifier, true);
    parseContext.precisionQualifierCheck($2.loc, $2.basicType, $2.qualifier);
}

```

```

    for (unsigned int i = 0; i < $$->size(); ++i) {
        parseContext.arrayDimCheck($1.loc, (*$$)[i].type, $2.arraySizes);
        (*$$)[i].type->mergeType($2);
    }
}
;

struct_declarator_list
: struct_declarator {
    $$ = new TTypeList;
    $$->push_back($1);
}
| struct_declarator_list COMMA struct_declarator {
    $$->push_back($3);
}
;

struct_declarator
: IDENTIFIER {
    $$ .type = new TType(EbtVoid);
    $$ .loc = $1.loc;
    $$ .type->setFieldName(*$1.string);
}
| IDENTIFIER array_specifier {
    parseContext.arrayDimCheck($1.loc, $2.arraySizes, 0);

    $$ .type = new TType(EbtVoid);
    $$ .loc = $1.loc;
    $$ .type->setFieldName(*$1.string);
    $$ .type->newArraySizes(*$2.arraySizes);
}
;

initializer
: assignment_expression {
    $$ = $1;
}
| LEFT_BRACE initializer_list RIGHT_BRACE {
    const char* initFeature = "{ } style initializers";
    parseContext.requireProfile($1.loc, ~EEsProfile, initFeature);
    parseContext.profileRequires($1.loc, ~EEsProfile, 420, E_GL_ARB_shading_language_420pack, initFeature);
    $$ = $2;
}
| LEFT_BRACE initializer_list COMMA RIGHT_BRACE {
    const char* initFeature = "{ } style initializers";
    parseContext.requireProfile($1.loc, ~EEsProfile, initFeature);
    parseContext.profileRequires($1.loc, ~EEsProfile, 420, E_GL_ARB_shading_language_420pack, initFeature);
    $$ = $2;
}

```

```

    }
    ;

initializer_list
: initializer {
    $$ = parseContext.intermediate.growAggregate(0, $1, $1->getLoc());
}
| initializer_list COMMA initializer {
    $$ = parseContext.intermediate.growAggregate($1, $3);
}
;

declaration_statement
: declaration { $$ = $1; }
;

statement
: compound_statement { $$ = $1; }
| simple_statement { $$ = $1; }
;

// Grammar Note: labeled statements for switch statements only; 'goto' is not supported.

simple_statement
: declaration_statement { $$ = $1; }
| expression_statement { $$ = $1; }
| selection_statement { $$ = $1; }
| switch_statement { $$ = $1; }
| case_label { $$ = $1; }
| iteration_statement { $$ = $1; }
| jump_statement { $$ = $1; }
;

compound_statement
: LEFT_BRACE RIGHT_BRACE { $$ = 0; }
| LEFT_BRACE {
    parseContext.symbolTable.push();
    ++parseContext.statementNestingLevel;
}
statement_list {
    parseContext.symbolTable.pop(&parseContext.defaultPrecision[0]);
    --parseContext.statementNestingLevel;
}
RIGHT_BRACE {
    if ($3 && $3->getAsAggregate())
        $3->getAsAggregate()->setOperator(EOpSequence);
    $$ = $3;
}

```

```

;

statement_no_new_scope
: compound_statement_no_new_scope { $$ = $1; }
| simple_statement      { $$ = $1; }
;

statement_scoped
: {
  ++parseContext.controlFlowNestingLevel;
}
compound_statement {
  --parseContext.controlFlowNestingLevel;
  $$ = $2;
}
| {
  parseContext.symbolTable.push();
  ++parseContext.statementNestingLevel;
  ++parseContext.controlFlowNestingLevel;
}
simple_statement {
  parseContext.symbolTable.pop(&parseContext.defaultPrecision[0]);
  --parseContext.statementNestingLevel;
  --parseContext.controlFlowNestingLevel;
  $$ = $2;
}

compound_statement_no_new_scope
// Statement that doesn't create a new scope, for selection_statement, iteration_statement
: LEFT_BRACE RIGHT_BRACE {
  $$ = 0;
}
| LEFT_BRACE statement_list RIGHT_BRACE {
  if ($2 && $2->getAsAggregate())
    $2->getAsAggregate()->setOperator(EOpSequence);
  $$ = $2;
}
;

statement_list
: statement {
  $$ = parseContext.intermediate.makeAggregate($1);
  if ($1 && $1->getAsBranchNode() && ($1->getAsBranchNode()->getFlowOp() == EOpCase ||
    $1->getAsBranchNode()->getFlowOp() == EOpDefault)) {
    parseContext.wrapupSwitchSubsequence(0, $1);
    $$ = 0; // start a fresh subsequence for what's after this case
  }
}

```

```

| statement_list statement {
    if ($2 && $2->getAsBranchNode() && ($2->getAsBranchNode()->getFlowOp() == EOpCase ||
        $2->getAsBranchNode()->getFlowOp() == EOpDefault)) {
        parseContext.wrapupSwitchSubsequence($1 ? $1->getAsAggregate() : 0, $2);
        $$ = 0; // start a fresh subsequence for what's after this case
    } else
        $$ = parseContext.intermediate.growAggregate($1, $2);
}
;

expression_statement
: SEMICOLON { $$ = 0; }
| expression SEMICOLON { $$ = static_cast<TIntermNode*>($1); }
;

selection_statement
: selection_statement_nonattributed {
    $$ = $1;
}
| attribute selection_statement_nonattributed {
    parseContext.handleSelectionAttributes(*$1, $2);
    $$ = $2;
}

selection_statement_nonattributed
: IF LEFT_PAREN expression RIGHT_PAREN selection_rest_statement {
    parseContext.boolCheck($1.loc, $3);
    $$ = parseContext.intermediate.addSelection($3, $5, $1.loc);
}
;

selection_rest_statement
: statement_scoped ELSE statement_scoped {
    $$<node1 = $1;
    $$<node2 = $3;
}
| statement_scoped {
    $$<node1 = $1;
    $$<node2 = 0;
}
;

condition
// In 1996 c++ draft, conditions can include single declarations
: expression {
    $$ = $1;
    parseContext.boolCheck($1->getLoc(), $1);
}

```

```

| fully_specified_type IDENTIFIER EQUAL initializer {
    parseContext.boolCheck($2.loc, $1);

    TType type($1);
    TIntermNode* initNode = parseContext.declareVariable($2.loc, *$2.string, $1, 0, $4);
    if (initNode)
        $$ = initNode->getAsTyped();
    else
        $$ = 0;
}
;

switch_statement
: switch_statement_nonattributed {
    $$ = $1;
}
| attribute switch_statement_nonattributed {
    parseContext.handleSwitchAttributes(*$1, $2);
    $$ = $2;
}

switch_statement_nonattributed
: SWITCH LEFT_PAREN expression RIGHT_PAREN {
    // start new switch sequence on the switch stack
    ++parseContext.controlFlowNestingLevel;
    ++parseContext.statementNestingLevel;
    parseContext.switchSequenceStack.push_back(new TIntermSequence);
    parseContext.switchLevel.push_back(parseContext.statementNestingLevel);
    parseContext.symbolTable.push();
}
LEFT_BRACE switch_statement_list RIGHT_BRACE {
    $$ = parseContext.addSwitch($1.loc, $3, $7 ? $7->getAsAggregate() : 0);
    delete parseContext.switchSequenceStack.back();
    parseContext.switchSequenceStack.pop_back();
    parseContext.switchLevel.pop_back();
    parseContext.symbolTable.pop(&parseContext.defaultPrecision[0]);
    --parseContext.statementNestingLevel;
    --parseContext.controlFlowNestingLevel;
}
;

switch_statement_list
: /* nothing */ {
    $$ = 0;
}
| statement_list {
    $$ = $1;
}

```



```

;

case_label
: CASE expression COLON {
    $$ = 0;
    if (parseContext.switchLevel.size() == 0)
        parseContext.error($1.loc, "cannot appear outside switch statement", "case", "");
    else if (parseContext.switchLevel.back() != parseContext.statementNestingLevel)
        parseContext.error($1.loc, "cannot be nested inside control flow", "case", "");
    else {
        parseContext.constantValueCheck($2, "case");
        parseContext.integerCheck($2, "case");
        $$ = parseContext.intermediate.addBranch(EOpCase, $2, $1.loc);
    }
}
| DEFAULT COLON {
    $$ = 0;
    if (parseContext.switchLevel.size() == 0)
        parseContext.error($1.loc, "cannot appear outside switch statement", "default", "");
    else if (parseContext.switchLevel.back() != parseContext.statementNestingLevel)
        parseContext.error($1.loc, "cannot be nested inside control flow", "default", "");
    else
        $$ = parseContext.intermediate.addBranch(EOpDefault, $1.loc);
}
;

iteration_statement
: iteration_statement_nonattributed {
    $$ = $1;
}
| attribute iteration_statement_nonattributed {
    parseContext.handleLoopAttributes(*$1, $2);
    $$ = $2;
}

iteration_statement_nonattributed
: WHILE LEFT_PAREN {
    if (! parseContext.limits.whileLoops)
        parseContext.error($1.loc, "while loops not available", "limitation", "");
    parseContext.symbolTable.push();
    ++parseContext.loopNestingLevel;
    ++parseContext.statementNestingLevel;
    ++parseContext.controlFlowNestingLevel;
}
condition RIGHT_PAREN statement_no_new_scope {
    parseContext.symbolTable.pop(&parseContext.defaultPrecision[0]);
    $$ = parseContext.intermediate.addLoop($6, $4, 0, true, $1.loc);
    --parseContext.loopNestingLevel;
}

```

```

--parseContext.statementNestingLevel;
--parseContext.controlFlowNestingLevel;
}
| DO {
++parseContext.loopNestingLevel;
++parseContext.statementNestingLevel;
++parseContext.controlFlowNestingLevel;
}
statement WHILE LEFT_PAREN expression RIGHT_PAREN SEMICOLON {
if (! parseContext.limits.whileLoops)
    parseContext.error($1.loc, "do-while loops not available", "limitation", "");

parseContext.boolCheck($8.loc, $6);

$$ = parseContext.intermediate.addLoop($3, $6, 0, false, $4.loc);
--parseContext.loopNestingLevel;
--parseContext.statementNestingLevel;
--parseContext.controlFlowNestingLevel;
}
| FOR LEFT_PAREN {
    parseContext.symbolTable.push();
    ++parseContext.loopNestingLevel;
    ++parseContext.statementNestingLevel;
    ++parseContext.controlFlowNestingLevel;
}
for_init_statement for_rest_statement RIGHT_PAREN statement_no_new_scope {
    parseContext.symbolTable.pop(&parseContext.defaultPrecision[0]);
    $$ = parseContext.intermediate.makeAggregate($4, $2.loc);
    TIntermLoop* forLoop = parseContext.intermediate.addLoop($7, reinterpret_cast<TIntermTyped*>($5.node1),
reinterpret_cast<TIntermTyped*>($5.node2), true, $1.loc);
    if (! parseContext.limits.nonInductiveForLoops)
        parseContext.inductiveLoopCheck($1.loc, $4, forLoop);
    $$ = parseContext.intermediate.growAggregate($$, forLoop, $1.loc);
    $$->getAsAggregate()->setOperator(EOpSequence);
    --parseContext.loopNestingLevel;
    --parseContext.statementNestingLevel;
    --parseContext.controlFlowNestingLevel;
}
;

for_init_statement
: expression_statement {
    $$ = $1;
}
| declaration_statement {
    $$ = $1;
}
;

```

conditionopt

```
: condition {
    $$ = $1;
}
| /* May be null */ {
    $$ = 0;
}
;
```

for\_rest\_statement

```
: conditionopt SEMICOLON {
    $$node1 = $1;
    $$node2 = 0;
}
| conditionopt SEMICOLON expression {
    $$node1 = $1;
    $$node2 = $3;
}
;
```

jump\_statement

```
: CONTINUE SEMICOLON {
    if (parseContext.loopNestingLevel <= 0)
        parseContext.error($1.loc, "continue statement only allowed in loops", "", "");
    $$ = parseContext.intermediate.addBranch(EOpContinue, $1.loc);
}
| BREAK SEMICOLON {
    if (parseContext.loopNestingLevel + parseContext.switchSequenceStack.size() <= 0)
        parseContext.error($1.loc, "break statement only allowed in switch and loops", "", "");
    $$ = parseContext.intermediate.addBranch(EOpBreak, $1.loc);
}
| RETURN SEMICOLON {
    $$ = parseContext.intermediate.addBranch(EOpReturn, $1.loc);
    if (parseContext.currentFunctionType->getBasicType() != EbtVoid)
        parseContext.error($1.loc, "non-void function must return a value", "return", "");
    if (parseContext.inMain)
        parseContext.postEntryPointReturn = true;
}
| RETURN expression SEMICOLON {
    $$ = parseContext.handleReturnValue($1.loc, $2);
}
| DISCARD SEMICOLON {
    parseContext.requireStage($1.loc, EShLangFragment, "discard");
    $$ = parseContext.intermediate.addBranch(EOpKill, $1.loc);
}
;
```

```
// Grammar Note: No 'goto'. Gotos are not supported.
```

```
translation_unit
```

```
: external_declaration {  
    $$ = $1;  
    parseContext.intermediate.setTreeRoot($$);  
}  
| translation_unit external_declaration {  
    if ($2 != nullptr) {  
        $$ = parseContext.intermediate.growAggregate($1, $2);  
        parseContext.intermediate.setTreeRoot($$);  
    }  
}  
;
```

```
external_declaration
```

```
: function_definition {  
    $$ = $1;  
}  
| declaration {  
    $$ = $1;  
}  
| SEMICOLON {  
    parseContext.requireProfile($1.loc, ~EEsProfile, "extraneous semicolon");  
    parseContext.profileRequires($1.loc, ~EEsProfile, 460, nullptr, "extraneous semicolon");  
    $$ = nullptr;  
}  
;
```

```
function_definition
```

```
: function_prototype {  
    $1.function = parseContext.handleFunctionDeclarator($1.loc, *$1.function, false /* not prototype */);  
    $1.intermNode = parseContext.handleFunctionDefinition($1.loc, *$1.function);  
}  
compound_statement_no_new_scope {  
    // May be best done as post process phase on intermediate code  
    if (parseContext.currentFunctionType->getBasicType() != EbtVoid && ! parseContext.functionReturnsValue)  
        parseContext.error($1.loc, "function does not return a value:", "", $1.function->getName().c_str());  
    parseContext.symbolTable.pop(&parseContext.defaultPrecision[0]);  
    $$ = parseContext.intermediate.growAggregate($1.intermNode, $3);  
    parseContext.intermediate.setAggregateOperator($$, EOpFunction, $1.function->getType(), $1.loc);  
    $$->getAsAggregate()->setName($1.function->getMangledName().c_str());  
  
    // store the pragma information for debug and optimize and other vendor specific  
    // information. This information can be queried from the parse tree  
    $$->getAsAggregate()->setOptimize(parseContext.contextPragma.optimize);  
    $$->getAsAggregate()->setDebug(parseContext.contextPragma.debug);  
    $$->getAsAggregate()->setPragmaTable(parseContext.contextPragma.pragmaTable);
```

```

}
;

attribute
: LEFT_BRACKET LEFT_BRACKET attribute_list RIGHT_BRACKET RIGHT_BRACKET {
    $$ = $3;
    parseContext.requireExtensions($1.loc, 1, &E_GL_EXT_control_flow_attributes, "attribute");
}

attribute_list
: single_attribute {
    $$ = $1;
}
| attribute_list COMMA single_attribute {
    $$ = parseContext.mergeAttributes($1, $3);
}

single_attribute
: IDENTIFIER {
    $$ = parseContext.makeAttributes(*$1.string);
}
| IDENTIFIER LEFT_PAREN constant_expression RIGHT_PAREN {
    $$ = parseContext.makeAttributes(*$1.string, $3);
}

%%

```

Found in path(s):

```
* /opt/cola/permits/1225549725_1636407830.6/0/khronosgroup-glslang-6-2-2596-0-gac37079-tar-gz/KhronosGroup-glslang-5798d23/glslang/MachineIndependent/glslang.y
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\* /opt/cola/permits/1225549725\_1636407830.6/0/khronosgroup-glslang-6-2-2596-0-gac37079-tar-gz/KhronosGroup-glslang-5798d23/SPIRV/GLSL.ext.KHR.h

\* /opt/cola/permits/1225549725\_1636407830.6/0/khronosgroup-glslang-6-2-2596-0-gac37079-tar-gz/KhronosGroup-glslang-5798d23/SPIRV/GLSL.ext.AMD.h

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gz/KhronosGroup-gslang-5798d23/Test/versionsErrors.frag  
* /opt/cola/permits/1225549725_1636407830.6/0/khronosgroup-gslang-6-2-2596-0-gac37079-tar-  
gz/KhronosGroup-gslang-5798d23/Test/versionsClean.vert  
* /opt/cola/permits/1225549725_1636407830.6/0/khronosgroup-gslang-6-2-2596-0-gac37079-tar-  
gz/KhronosGroup-gslang-5798d23/Test/versionsClean.frag  
* /opt/cola/permits/1225549725_1636407830.6/0/khronosgroup-gslang-6-2-2596-0-gac37079-tar-  
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gz/KhronosGroup-gslang-5798d23/Test/sample.vert  
* /opt/cola/permits/1225549725_1636407830.6/0/khronosgroup-gslang-6-2-2596-0-gac37079-tar-  
gz/KhronosGroup-gslang-5798d23/Test/sample.frag
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* /opt/cola/permits/1225549725_1636407830.6/0/khronosgroup-gslang-6-2-2596-0-gac37079-tar-
gz/KhronosGroup-gslang-5798d23/gslang/MachineIndependent/propagateNoContraction.h
* /opt/cola/permits/1225549725_1636407830.6/0/khronosgroup-gslang-6-2-2596-0-gac37079-tar-
gz/KhronosGroup-gslang-5798d23/gtests/Spv.FromFile.cpp
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* /opt/cola/permits/1225549725_1636407830.6/0/khronosgroup-gslang-6-2-2596-0-gac37079-tar-
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* /opt/cola/permits/1225549725_1636407830.6/0/khronosgroup-gslang-6-2-2596-0-gac37079-tar-
gz/KhronosGroup-gslang-5798d23/gtests/Link.FromFile.Vk.cpp
* /opt/cola/permits/1225549725_1636407830.6/0/khronosgroup-gslang-6-2-2596-0-gac37079-tar-
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gz/KhronosGroup-glslang-5798d23/gtests/Pp.FromFile.cpp  
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gz/KhronosGroup-glslang-5798d23/hlsl/hlslGrammar.cpp  
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\* /opt/cola/permits/1225549725\_1636407830.6/0/khronosgroup-glslang-6-2-2596-0-gac37079-tar-  
gz/KhronosGroup-glslang-5798d23/glslang/MachineIndependent/attribute.cpp  
\* /opt/cola/permits/1225549725\_1636407830.6/0/khronosgroup-glslang-6-2-2596-0-gac37079-tar-  
gz/KhronosGroup-glslang-5798d23/hlsl/hlslTokens.h  
\* /opt/cola/permits/1225549725\_1636407830.6/0/khronosgroup-glslang-6-2-2596-0-gac37079-tar-  
gz/KhronosGroup-glslang-5798d23/hlsl/hlslScanContext.cpp  
\* /opt/cola/permits/1225549725\_1636407830.6/0/khronosgroup-glslang-6-2-2596-0-gac37079-tar-  
gz/KhronosGroup-glslang-5798d23/hlsl/hlslTokenStream.h  
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gz/KhronosGroup-glslang-5798d23/hlsl/hlslOpMap.cpp  
\* /opt/cola/permits/1225549725\_1636407830.6/0/khronosgroup-glslang-6-2-2596-0-gac37079-tar-  
gz/KhronosGroup-glslang-5798d23/hlsl/hlslOpMap.h  
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## 1.648 jackson-datatype-jdk8 2.9.10

### 1.648.1 Available under license :

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## 1.649 sigs.k8s.io-json 0.0.0-20220713155537-f223a00ba0e2

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## 1.650 slf4j 1.7.36

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Found in path(s):

\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/spi/TerminalProvider.java

\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/Diag.java

\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/exec/ExecTerminalProvider.java

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\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/InfoCmp.java

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*/opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-
jar/org/jline/utils/AnsiWriter.java
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*/opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-
jar/org/jline/utils/PumpReader.java
```

```
*/opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-
jar/org/jline/terminal/impl/AbstractWindowsConsoleWriter.java
```

```
*/opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-
jar/org/jline/utils/NonBlockingPumpReader.java
```

```
*/opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-
jar/org/jline/utils/NonBlockingPumpInputStream.java
```

```
*/opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-
jar/org/jline/utils/WriterOutputStream.java
```

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#  
class = org.jline.terminal.impl.exec.ExecTerminalProvider
```

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```
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/META-INF/services/org/jline/terminal/provider/exec
```

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```

```
black  
maroon  
green  
olive  
navy  
purple  
teal  
silver  
grey  
red  
lime  
yellow  
blue  
fuchsia  
aqua  
white  
grey0  
navyblue  
darkblue  
blue3  
blue3a  
blue1  
darkgreen  
deepskyblue4  
deepskyblue4a  
deepskyblue4b  
dodgerblue3  
dodgerblue2  
green4  
springgreen4
```

turquoise4  
deepskyblue3  
deepskyblue3a  
dodgerblue1  
green3  
springgreen3  
darkcyan  
lightseagreen  
deepskyblue2  
deepskyblue1  
green3a  
springgreen3a  
springgreen2  
cyan3  
darkturquoise  
turquoise2  
green1  
springgreen2a  
springgreen1  
mediumspringgreen  
cyan2  
cyan1  
darkred  
deeppink4  
purple4  
purple4a  
purple3  
blueviolet  
orange4  
grey37  
mediumpurple4  
slateblue3  
slateblue3a  
royalblue1  
chartreuse4  
darkseagreen4  
paleturquoise4  
steelblue  
steelblue3  
cornflowerblue  
chartreuse3  
darkseagreen4a  
cadetblue  
cadetbluea  
skyblue3  
steelblue1  
chartreuse3a  
palegreen3

seagreen3  
aquamarine3  
mediumturquoise  
steelblue1a  
chartreuse2  
seagreen2  
seagreen1  
seagreen1a  
aquamarine1  
darkslategray2  
darkreda  
deeppink4a  
darkmagenta  
darkmagentaa  
darkviolet  
purplea  
orange4a  
lightpink4  
plum4  
mediumpurple3  
mediumpurple3a  
slateblue1  
yellow4  
wheat4  
grey53  
lightslategrey  
mediumpurple  
lightslateblue  
yellow4a  
darkolivegreen3  
darkseagreen  
lightskyblue3  
lightskyblue3a  
skyblue2  
chartreuse2a  
darkolivegreen3a  
palegreen3a  
darkseagreen3  
darkslategray3  
skyblue1  
chartreuse1  
lightgreen  
lightgreena  
palegreen1  
aquamarine1a  
darkslategray1  
red3  
deeppink4b

mediumvioletred  
magenta3  
darkvioleta  
purpleb  
darkorange3  
indianred  
hotpink3  
mediumorchid3  
mediumorchid  
mediumpurple2  
darkgoldenrod  
lightsalmon3  
rosybrown  
grey63  
mediumpurple2a  
mediumpurple1  
gold3  
darkkhaki  
navajowhite3  
grey69  
lightsteelblue3  
lightsteelblue  
yellow3  
darkolivegreen3b  
darkseagreen3a  
darkseagreen2  
lightcyan3  
lightskyblue1  
greenyellow  
darkolivegreen2  
palegreen1a  
darkseagreen2a  
darkseagreen1  
paleturquoise1  
red3a  
deepink3  
deepink3a  
magenta3a  
magenta3b  
magenta2  
darkorange3a  
indianreda  
hotpink3a  
hotpink2  
orchid  
mediumorchid1  
orange3  
lightsalmon3a

lightpink3  
pink3  
plum3  
violet  
gold3a  
lightgoldenrod3  
tan  
mistyrose3  
thistle3  
plum2  
yellow3a  
khaki3  
lightgoldenrod2  
lightyellow3  
grey84  
lightsteelblue1  
yellow2  
darkolivegreen1  
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darkseagreen1a  
honeydew2  
lightcyan1  
red1  
deeppink2  
deeppink1  
deeppink1a  
magenta2a  
magenta1  
orangered1  
indianred1  
indianred1a  
hotpink  
hotpinka  
mediumorchid1a  
darkorange  
salmon1  
lightcoral  
palevioletred1  
orchid2  
orchid1  
orange1  
sandybrown  
lightsalmon1  
lightpink1  
pink1  
plum1  
gold1  
lightgoldenrod2a



lightgoldenrod2b  
navajowhite1  
mistyrose1  
thistle1  
yellow1  
lightgoldenrod1  
khaki1  
wheat1  
cornsilk1  
grey100  
grey3  
grey7  
grey11  
grey15  
grey19  
grey23  
grey27  
grey30  
grey35  
grey39  
grey42  
grey46  
grey50  
grey54  
grey58  
grey62  
grey66  
grey70  
grey74  
grey78  
grey82  
grey85  
grey89  
grey93

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#

auto\_left\_margin, bw, bw  
auto\_right\_margin, am, am  
back\_color\_erase, bce, ut  
can\_change, ccc, cc  
ceol\_standout\_glitch, xhp, xs  
col\_addr\_glitch, xhpa, YA  
cpi\_changes\_res, cpix, YF  
cr\_cancels\_micro\_mode, crxm, YB  
dest\_tabs\_magic\_sms0, xt, xt  
eat\_newline\_glitch, xenl, xn  
erase\_overstrike, eo, eo  
generic\_type, gn, gn  
hard\_copy, hc, hc  
hard\_cursor, chts, HC  
has\_meta\_key, km, km  
has\_print\_wheel, daisy, YC  
has\_status\_line, hs, hs  
hue\_lightness\_saturation, hls, hl  
insert\_null\_glitch, in, in  
lpi\_changes\_res, lpix, YG  
memory\_above, da, da  
memory\_below, db, db  
move\_insert\_mode, mir, mi  
move\_standout\_mode, msgr, ms  
needs\_xon\_xoff, nxon, nx  
no\_esc\_ctlc, xsb, xb  
no\_pad\_char, npc, NP  
non\_dest\_scroll\_region, ndscr, ND  
non\_rev\_rmcup, nrrmc, NR  
over\_strike, os, os  
prtr\_silent, mc5i, 5i  
row\_addr\_glitch, xvpa, YD  
semi\_auto\_right\_margin, sam, YE  
status\_line\_esc\_ok, eslok, es  
tilde\_glitch, hz, hz  
transparent\_underline, ul, ul  
xon\_xoff, xon, xo  
columns, cols, co  
init\_tabs, it, it  
label\_height, lh, lh  
label\_width, lw, lw  
lines, lines, li  
lines\_of\_memory, lm, lm  
magic\_cookie\_glitch, xmc, sg  
max\_attributes, ma, ma  
max\_colors, colors, Co  
max\_pairs, pairs, pa  
maximum\_windows, wnum, MW

no\_color\_video, ncv, NC  
num\_labels, nlab, NI  
padding\_baud\_rate, pb, pb  
virtual\_terminal, vt, vt  
width\_status\_line, wsl, ws  
bit\_image\_entwining, bitwin, Yo  
bit\_image\_type, bitype, Yp  
buffer\_capacity, bufsz, Ya  
buttons, btns, BT  
dot\_horz\_spacing, spinh, Yc  
dot\_vert\_spacing, spinv, Yb  
max\_micro\_address, maddr, Yd  
max\_micro\_jump, mjump, Ye  
micro\_col\_size, mcs, Yf  
micro\_line\_size, mls, Yg  
number\_of\_pins, npins, Yh  
output\_res\_char, orc, Yi  
output\_res\_horz\_inch, orhi, Yk  
output\_res\_line, orl, Yj  
output\_res\_vert\_inch, orvi, Yl  
print\_rate, cps, Ym  
wide\_char\_size, widcs, Yn  
acs\_chars, acsc, ac  
back\_tab, cbt, bt  
bell, bel, bl  
carriage\_return, cr, cr  
change\_char\_pitch, cpi, ZA  
change\_line\_pitch, lpi, ZB  
change\_res\_horz, chr, ZC  
change\_res\_vert, cvr, ZD  
change\_scroll\_region, csr, cs  
char\_padding, rmp, rP  
clear\_all\_tabs, tbc, ct  
clear\_margins, mgc, MC  
clear\_screen, clear, cl  
clr\_bol, e1l, cb  
clr\_eol, el, ce  
clr\_eos, ed, cd  
column\_address, hpa, ch  
command\_character, cmdch, CC  
create\_window, cwin, CW  
cursor\_address, cup, cm  
cursor\_down, cud1, do  
cursor\_home, home, ho  
cursor\_invisible, civis, vi  
cursor\_left, cub1, le  
cursor\_mem\_address, mrcup, CM  
cursor\_normal, cnorm, ve

cursor\_right, cuf1, nd  
cursor\_to\_ll, ll, ll  
cursor\_up, cuu1, up  
cursor\_visible, cvvis, vs  
define\_char, defc, ZE  
delete\_character, dch1, dc  
delete\_line, dl1, dl  
dial\_phone, dial, DI  
dis\_status\_line, dsl, ds  
display\_clock, dclk, DK  
down\_half\_line, hd, hd  
ena\_acs, enacs, eA  
enter\_alt\_charset\_mode, smacs, as  
enter\_am\_mode, smam, SA  
enter\_blink\_mode, blink, mb  
enter\_bold\_mode, bold, md  
enter\_ca\_mode, smcup, ti  
enter\_delete\_mode, smdc, dm  
enter\_dim\_mode, dim, mh  
enter\_doublewide\_mode, swidm, ZF  
enter\_draft\_quality, sdrfq, ZG  
enter\_insert\_mode, smir, im  
enter\_italics\_mode, sitm, ZH  
enter\_leftward\_mode, slm, ZI  
enter\_micro\_mode, smicm, ZJ  
enter\_near\_letter\_quality, snlq, ZK  
enter\_normal\_quality, snrmq, ZL  
enter\_protected\_mode, prot, mp  
enter\_reverse\_mode, rev, mr  
enter\_secure\_mode, invis, mk  
enter\_shadow\_mode, sshm, ZM  
enter\_standout\_mode, smso, so  
enter\_subscript\_mode, ssubm, ZN  
enter\_superscript\_mode, ssupm, ZO  
enter\_underline\_mode, smul, us  
enter\_upward\_mode, sum, ZP  
enter\_xon\_mode, smxon, SX  
erase\_chars, ech, ec  
exit\_alt\_charset\_mode, rmacs, ae  
exit\_am\_mode, rmam, RA  
exit\_attribute\_mode, sgr0, me  
exit\_ca\_mode, rmcup, te  
exit\_delete\_mode, rmdc, ed  
exit\_doublewide\_mode, rwidm, ZQ  
exit\_insert\_mode, rmir, ei  
exit\_italics\_mode, ritm, ZR  
exit\_leftward\_mode, rlm, ZS  
exit\_micro\_mode, rmicm, ZT

exit\_shadow\_mode, rshm, ZU  
exit\_standout\_mode, rmso, se  
exit\_subscript\_mode, rsubm, ZV  
exit\_superscript\_mode, rsupm, ZW  
exit\_underline\_mode, rmul, ue  
exit\_upward\_mode, rum, ZX  
exit\_xon\_mode, rmxon, RX  
fixed\_pause, pause, PA  
flash\_hook, hook, fh  
flash\_screen, flash, vb  
form\_feed, ff, ff  
from\_status\_line, fsl, fs  
goto\_window, wingo, WG  
hangup, hup, HU  
init\_1string, is1, i1  
init\_2string, is2, is  
init\_3string, is3, i3  
init\_file, if, if  
init\_prog, iprog, iP  
initialize\_color, initc, Ic  
initialize\_pair, initp, Ip  
insert\_character, ich1, ic  
insert\_line, il1, al  
insert\_padding, ip, ip  
key\_a1, ka1, K1  
key\_a3, ka3, K3  
key\_b2, kb2, K2  
key\_backspace, kbs, kb  
key\_beg, kbeg, @1  
key\_btab, kcbt, kB  
key\_c1, kc1, K4  
key\_c3, kc3, K5  
key\_cancel, kcan, @2  
key\_catab, ktbc, ka  
key\_clear, kclr, kC  
key\_close, kclo, @3  
key\_command, kcmd, @4  
key\_copy, kcpy, @5  
key\_create, kcrt, @6  
key\_ctab, kctab, kt  
key\_dc, kdch1, kD  
key\_dl, kdl1, kL  
key\_down, kcud1, kd  
key\_eic, krmir, kM  
key\_end, kend, @7  
key\_enter, kent, @8  
key\_eol, kel, kE  
key\_eos, ked, kS

key\_exit, kext, @9  
key\_f0, kf0, k0  
key\_f1, kf1, k1  
key\_f10, kf10, k;  
key\_f11, kf11, F1  
key\_f12, kf12, F2  
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key\_f21, kf21, FB  
key\_f22, kf22, FC  
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key\_f28, kf28, FI  
key\_f29, kf29, FJ  
key\_f3, kf3, k3  
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key\_f31, kf31, FL  
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key\_f33, kf33, FN  
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key\_f35, kf35, FP  
key\_f36, kf36, FQ  
key\_f37, kf37, FR  
key\_f38, kf38, FS  
key\_f39, kf39, FT  
key\_f4, kf4, k4  
key\_f40, kf40, FU  
key\_f41, kf41, FV  
key\_f42, kf42, FW  
key\_f43, kf43, FX  
key\_f44, kf44, FY  
key\_f45, kf45, FZ  
key\_f46, kf46, Fa  
key\_f47, kf47, Fb  
key\_f48, kf48, Fc  
key\_f49, kf49, Fd  
key\_f5, kf5, k5  
key\_f50, kf50, Fe

key\_f51, kf51, Ff  
key\_f52, kf52, Fg  
key\_f53, kf53, Fh  
key\_f54, kf54, Fi  
key\_f55, kf55, Fj  
key\_f56, kf56, Fk  
key\_f57, kf57, Fl  
key\_f58, kf58, Fm  
key\_f59, kf59, Fn  
key\_f6, kf6, k6  
key\_f60, kf60, Fo  
key\_f61, kf61, Fp  
key\_f62, kf62, Fq  
key\_f63, kf63, Fr  
key\_f7, kf7, k7  
key\_f8, kf8, k8  
key\_f9, kf9, k9  
key\_find, kfnd, @0  
key\_help, khlp, %1  
key\_home, khome, kh  
key\_ic, kich1, kI  
key\_il, kill, kA  
key\_left, kcub1, kI  
key\_ll, kll, kH  
key\_mark, kmrk, %2  
key\_message, kmsg, %3  
key\_move, kmov, %4  
key\_next, knxt, %5  
key\_npage, knp, kN  
key\_open, kopn, %6  
key\_options, kopt, %7  
key\_ppage, kpp, kP  
key\_previous, kprv, %8  
key\_print, kpri, %9  
key\_redo, krdo, %0  
key\_reference, kref, &1  
key\_refresh, krfr, &2  
key\_replace, krpl, &3  
key\_restart, krst, &4  
key\_resume, kres, &5  
key\_right, kcuf1, kr  
key\_save, ksav, &6  
key\_sbeg, kBEG, &9  
key\_scancel, kCAN, &0  
key\_scommand, kCMD, \*1  
key\_scopy, kCPY, \*2  
key\_screate, kCRT, \*3  
key\_sdc, kDC, \*4

key\_sdl, kDL, \*5  
key\_select, kslt, \*6  
key\_send, kEND, \*7  
key\_seol, kEOL, \*8  
key\_sexit, kEXT, \*9  
key\_sf, kind, kF  
key\_sfind, kFND, \*0  
key\_shelp, kHLP, #1  
key\_shome, kHOM, #2  
key\_sic, kIC, #3  
key\_sleft, kLFT, #4  
key\_smessage, kMSG, %a  
key\_smove, kMOV, %b  
key\_snext, kNXT, %c  
key\_soptions, kOPT, %d  
key\_sprevious, kPRV, %e  
key\_sprint, kPRT, %f  
key\_sr, kri, kR  
key\_sredo, kRDO, %g  
key\_sreplace, kRPL, %h  
key\_sright, kRIT, %i  
key\_srsume, kRES, %j  
key\_ssave, kSAV, !1  
key\_ssuspend, kSPD, !2  
key\_stab, khts, kT  
key\_sundo, kUND, !3  
key\_suspend, kspd, &7  
key\_undo, kund, &8  
key\_up, kcuu1, ku  
keypad\_local, rmkx, ke  
keypad\_xmit, smkx, ks  
lab\_f0, lf0, l0  
lab\_f1, lf1, l1  
lab\_f10, lf10, la  
lab\_f2, lf2, l2  
lab\_f3, lf3, l3  
lab\_f4, lf4, l4  
lab\_f5, lf5, l5  
lab\_f6, lf6, l6  
lab\_f7, lf7, l7  
lab\_f8, lf8, l8  
lab\_f9, lf9, l9  
label\_format, fln, Lf  
label\_off, rmln, LF  
label\_on, smln, LO  
meta\_off, rmm, mo  
meta\_on, smm, mm  
micro\_column\_address, mhpa, ZY



micro\_down, mcud1, ZZ  
micro\_left, mcub1, Za  
micro\_right, mcuf1, Zb  
micro\_row\_address, mvpa, Zc  
micro\_up, mcuu1, Zd  
newline, nel, nw  
order\_of\_pins, porder, Ze  
orig\_colors, oc, oc  
orig\_pair, op, op  
pad\_char, pad, pc  
parm\_dch, dch, DC  
parm\_delete\_line, dl, DL  
parm\_down\_cursor, cud, DO  
parm\_down\_micro, mcud, Zf  
parm\_ich, ich, IC  
parm\_index, indn, SF  
parm\_insert\_line, il, AL  
parm\_left\_cursor, cub, LE  
parm\_left\_micro, mcub, Zg  
parm\_right\_cursor, cuf, RI  
parm\_right\_micro, mcuf, Zh  
parm\_rindex, rin, SR  
parm\_up\_cursor, cuu, UP  
parm\_up\_micro, mcuu, Zi  
pkey\_key, pfkey, pk  
pkey\_local, pfloc, pl  
pkey\_xmit, pfx, px  
plab\_norm, pln, pn  
print\_screen, mc0, ps  
prtr\_non, mc5p, pO  
prtr\_off, mc4, pf  
prtr\_on, mc5, po  
pulse, pulse, PU  
quick\_dial, qdial, QD  
remove\_clock, rmclk, RC  
repeat\_char, rep, rp  
req\_for\_input, rfi, RF  
reset\_1string, rs1, r1  
reset\_2string, rs2, r2  
reset\_3string, rs3, r3  
reset\_file, rf, rf  
restore\_cursor, rc, rc  
row\_address, vpa, cv  
save\_cursor, sc, sc  
scroll\_forward, ind, sf  
scroll\_reverse, ri, sr  
select\_char\_set, scs, Zj  
set\_attributes, sgr, sa

set\_background, setb, Sb  
set\_bottom\_margin, smgb, Zk  
set\_bottom\_margin\_parm, smgbp, Zl  
set\_clock, sclk, SC  
set\_color\_pair, scp, sp  
set\_foreground, setf, Sf  
set\_left\_margin, smgl, ML  
set\_left\_margin\_parm, smglp, Zm  
set\_right\_margin, smgr, MR  
set\_right\_margin\_parm, smgrp, Zn  
set\_tab, hts, st  
set\_top\_margin, smgt, Zo  
set\_top\_margin\_parm, smgtp, Zp  
set\_window, wind, wi  
start\_bit\_image, sbim, Zq  
start\_char\_set\_def, scsd, Zr  
stop\_bit\_image, rbim, Zs  
stop\_char\_set\_def, rcsd, Zt  
subscript\_characters, subcs, Zu  
superscript\_characters, supcs, Zv  
tab, ht, ta  
these\_cause\_cr, docr, Zw  
to\_status\_line, tsl, ts  
tone, tone, TO  
underline\_char, uc, uc  
up\_half\_line, hu, hu  
user0, u0, u0  
user1, u1, u1  
user2, u2, u2  
user3, u3, u3  
user4, u4, u4  
user5, u5, u5  
user6, u6, u6  
user7, u7, u7  
user8, u8, u8  
user9, u9, u9  
wait\_tone, wait, WA  
xoff\_character, xoffc, XF  
xon\_character, xonc, XN  
zero\_motion, zerom, Zx  
alt\_scancode\_esc, scesa, S8  
bit\_image\_carriage\_return, bicr, Yv  
bit\_image\_newline, binel, Zz  
bit\_image\_repeat, birep, Xy  
char\_set\_names, csnm, Zy  
code\_set\_init, csin, ci  
color\_names, colorm, Yw  
define\_bit\_image\_region, defbi, Yx

device\_type, devt, dv  
display\_pc\_char, dispc, S1  
end\_bit\_image\_region, endbi, Yy  
enter\_pc\_charset\_mode, smpch, S2  
enter\_scancode\_mode, smsc, S4  
exit\_pc\_charset\_mode, rmpch, S3  
exit\_scancode\_mode, rmisc, S5  
get\_mouse, getm, Gm  
key\_mouse, kmous, Km  
mouse\_info, minfo, Mi  
pc\_term\_options, pctrm, S6  
pkey\_plab, pfxl, xl  
req\_mouse\_pos, reqmp, RQ  
scancode\_escape, scesc, S7  
set0\_des\_seq, s0ds, s0  
set1\_des\_seq, s1ds, s1  
set2\_des\_seq, s2ds, s2  
set3\_des\_seq, s3ds, s3  
set\_a\_background, setab, AB  
set\_a\_foreground, setaf, AF  
set\_color\_band, setcolor, Yz  
set\_lr\_margin, smglr, ML  
set\_page\_length, slines, YZ  
set\_tb\_margin, smgtb, MT  
enter\_horizontal\_hl\_mode, ehhl, Xh  
enter\_left\_hl\_mode, elhl, Xl  
enter\_low\_hl\_mode, elohl, Xo  
enter\_right\_hl\_mode, erhl, Xr  
enter\_top\_hl\_mode, ethl, Xt  
enter\_vertical\_hl\_mode, evhl, Xv  
set\_a\_attributes, sgr1, sA  
set\_pglen\_inch, slength, sL

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\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/NonBlockingInputStreamImpl.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/LineDisciplineTerminal.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/StyleResolver.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/PosixSysTerminal.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/PosixPtyTerminal.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/ExternalTerminal.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/terminal/impl/terminal/impl/DumbTerminal.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/NonBlockingReaderImpl.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/NonBlockingInputStream.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/Timeout.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/AttributedStringBuilder.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/Size.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/NonBlockingReader.java  
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\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/AttributedCharSequence.java  
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\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/AbstractPosixTerminal.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/Cursor.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/ExecPty.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/ClosedException.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/package-

info.java

\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/ShutdownHooks.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/AttributedString.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/CursorSupport.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/OSUtils.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/package-info.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/ExecHelper.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/MouseSupport.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/Attributes.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/InputStreamReader.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/MouseEvent.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/spi/Pty.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/WCWidth.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/NativeSignalHandler.java  
\* /opt/cola/permits/1617269369\_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/Utils/DiffHelper.java

# 1.652 go-autorest 0.11.27

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## 1.653 libunistring 0.9.10-2

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## 1.656 metrics-jetty 4.1.16

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## 1.657 netty-transport-native-epoll 4.1.92.Final

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\* /opt/cola/permits/1716073999\_1686339521.5715072/0/netty-transport-native-epoll-4-1-92-final-sources-jar/netty\_epoll\_linuxsocket.h

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# 1.658 python-setuptools 44.0.0

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# 1.660 jetty-util-ajax 9.4.51.v20230217

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\* The Eclipse Public 1.0 License

<http://www.eclipse.org/legal/epl-v10.html>

Jetty may be distributed under either license.

-----  
Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

-----

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

-----

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

-----

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

-----

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

-----

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

-----

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

# 1.661 perl 5.30.0-9ubuntu0.4

## 1.661.1 Available under license :

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: perlpath.U,v 3.0.1.2 1995/09/25 09:17:04 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:



?RCS: This file is included with or a derivative work of a file included  
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.  
?RCS: In accordance with clause 7 of dist's modified Artistic License:  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?RCS: \$Log: perlpath.U,v \$  
?RCS:  
?RCS: Special perl5 unit -- we haven't installed perl yet.  
?RCS:  
?RCS: Revision 3.0.1.2 1995/09/25 09:17:04 ram  
?RCS: patch59: unit is now forced to the top of Configure, if possible  
?RCS:  
?RCS: Revision 3.0.1.1 1995/01/11 15:33:53 ram  
?RCS: patch45: can now use Loc variables since path stripping is deferred  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:32 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: The purpose of this unit is to locate perl good enough to construct a #!  
?X:  
?MAKE:perlpath: cat Getfile Loc Myread Oldconfig initialinstalllocation \  
startperl version versiononly  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:perlpath:  
?S: This variable contains the eventual value of the PERLPATH symbol,  
?S: which contains the name of the perl interpreter to be used in  
?S: shell scripts and in the "eval 'exec'" idiom. This variable is  
?S: not necessarily the pathname of the file containing the perl  
?S: interpreter; you must append the executable extension (\_exe) if  
?S: it is not already present. Note that Perl code that runs during  
?S: the Perl build process cannot reference this variable, as Perl  
?S: may not have been installed, or even if installed, may be a  
?S: different version of Perl.  
?S:.  
?C:PERLPATH:  
?C: This symbol contains the name of the perl interpreter to be  
?C: used in shell scripts and in the "eval 'exec'" idiom.  
?C:.  
?H:#define PERLPATH "\$perlpath" /\*\*/  
?H:.  
: figure best path for perl in scripts  
case "\$perlpath" in  
")  
case "\$versiononly" in

```

"$define") perlpath="$initialinstalllocation/perl$version";;
*) perlpath="$initialinstalllocation/perl";;
esac
case "$startperl" in
*!*) ;;
*)
$cat <<EOH

```

I will use the "eval 'exec'" idiom to start Perl on your system.  
I can use the full path of your Perl binary for this purpose, but  
doing so may cause problems if you want to share those scripts and  
Perl is not always in a standard place (\$initialinstalllocation/perl).

EOH

```

dflt="$initialinstalllocation/perl"
rp="What path shall I use in \"eval 'exec'\"?"
./myread
perlpath="$ans"
;;
esac
;;
esac
case "$startperl" in
*!*) ;;
*) echo "I'll use $perlpath in \"eval 'exec'\"";;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perlpath.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setruid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setruid.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:15 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setruid: Inlibc
?MAKE: -pick add $@ %<

```

?S:d\_setuid:

?S: This variable conditionally defines the HAS\_SETUID symbol, which

?S: indicates to the C program that the setuid() routine is available

?S: to change the real uid of the current program.

?S:.

?C:HAS\_SETUID (SETUID):

?C: This symbol, if defined, indicates that the setuid routine is available

?C: to change the real uid of the current program.

?C:.

?H:#\$d\_setuid HAS\_SETUID /\*\*/

?H:.

?LINT:set d\_setuid

: see if setuid exists

set setuid d\_setuid

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setuid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_crypt\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_crypt\_r crypt\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_crypt extern\_C

?MAKE: -pick add \$@ %<

?S:d\_crypt\_r:

?S: This variable conditionally defines the HAS\_CRYPT\_R symbol,

?S: which indicates to the C program that the crypt\_r()

?S: routine is available.

?S:.

?S:crypt\_r\_proto:

?S: This variable encodes the prototype of crypt\_r.

?S: It is zero if d\_crypt\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_crypt\_r

?S: is defined.

?S:.

?C:HAS\_CRYPT\_R:

?C: This symbol, if defined, indicates that the crypt\_r routine

?C: is available to crypt re-entrantly.

?C:.

?C:CRYPT\_R\_PROTO:

```

?C: This symbol encodes the prototype of crypt_r.
?C: It is zero if d_crypt_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_crypt_r
?C: is defined.
?C:.
?H:#$d_crypt_r HAS_CRYPT_R /**/
?H:#define CRYPT_R_PROTO $crypt_r_proto /**/
?H:.
?T:try hdrs d_crypt_r_proto
: see if crypt_r exists
set crypt_r d_crypt_r
eval $inlibc
case "$d_crypt_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_crypt crypt.h"
case "$d_crypt_r_proto:$usethreads" in
":define") d_crypt_r_proto=define
set d_crypt_r_proto crypt_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_crypt_r_proto" in
define)
case "$crypt_r_proto" in
"|0) try='char* crypt_r(const char*, const char*, struct crypt_data*);'
./protochk "$extern_C $try" $hdrs && crypt_r_proto=B_CCS ;;
esac
case "$crypt_r_proto" in
"|0) try='char* crypt_r(const char*, const char*, CRYPTD*);'
./protochk "$extern_C $try" $hdrs && crypt_r_proto=B_CCD ;;
esac
case "$crypt_r_proto" in
"|0) d_crypt_r=undef
crypt_r_proto=0
echo "Disabling crypt_r, cannot determine prototype." >&4 ;;
* ) case "$crypt_r_proto" in
REENTRANT_PROTO*) ;;
*) crypt_r_proto="REENTRANT_PROTO_$crypt_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "crypt_r has no prototype, not using it." >&4 ;;
esac
d_crypt_r=undef
crypt_r_proto=0
;;

```

```
esac
;;
*) crypt_r_proto=0
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_crypt_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Compile.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS:

?X:

?X: This unit is just a quick shorthand for the compile command

?X: to be used in all the other metaconfig units.

?X:

?MAKE:Compile: +cc +optimize +ccflags +ldflags +libs test

?MAKE: -pick add \$@ %<

?LINT:extern usedevel

?LINT:define compile compile\_ok

?V:compile compile\_ok mc\_file

?S:compile:

?S: This shell variable is used internally by Configure to provide

?S: a convenient shorthand for the typical compile command, namely

?S: \$cc \$optimize \$ccflags \$ldflags -o \$1 \$1.c \$libs > /dev/null 2>&1

?S: Note that the output filename does not include the \_exe

?S: extension. Instead we assume that the linker will be

?S: "helpful" and automatically appending the correct suffix.

?S: OS/2 users will apparently need to supply the -Zexe flag to

?S: get this behavior.

?S:

?S: To use this variable, say something like:

?S: echo 'int main() { exit(0); }' > try.c

?S: set try

?S: if eval \$compile; then

?S: echo "success" # and do whatever . . .

?S: else

?S: echo "failure" # and do whatever . . .

?S: fi

?S: To add extra flags cc flags (e.g. -DWHATEVER) just put them

?S: in \$\*, e.g.

```

?S: set try -DTRY_THIS_FLAG
?S:.
?S:compile_ok:
?S: This shell variable is used internally by Configure to provide
?S: a convenient shorthand for the typical compile command that you
?S: expect to work ok. It is the same as $compile, except we
?S: deliberately let the user see any error messages.
?S:.
: define a shorthand compile call
compile='
mc_file=$1;
shift;
case "$usedevel" in $define|true|[yY]*) if $test ! -f "${mc_file}.c"; then
echo "Internal Configure script bug - compiler test file ${mc_file}.c is missing. Please report this to
perlbug@perl.org" >&4;
exit 1;
fi;
esac;
$cc -o ${mc_file} $optimize $ccflags $ldflags $* ${mc_file}.c $libs > /dev/null 2>&1;'
: define a shorthand compile call for compilations that should be ok.
compile_ok='
mc_file=$1;
shift;
$cc -o ${mc_file} $optimize $ccflags $ldflags $* ${mc_file}.c $libs > /dev/null 2>&1;'

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/compline/Compile.U

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_nextafter: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_nextafter:

?S: This variable conditionally defines HAS\_NEXTAFTER if nextafter()

?S: is available to return the next machine representable double from

?S: x in direction y.

?S:.

?C:HAS\_NEXTAFTER:

?C: This symbol, if defined, indicates that the nextafter routine is

?C: available to return the next machine representable double from

?C: x in direction y.

?C:.

?H:#\$d\_nextafter HAS\_NEXTAFTER /\*\*/

?H:.

?LINT:set d\_nextafter

```
: see if nextafter exists
set nextafter d_nextafter
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nextafter.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2008 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_ctime64 d\_localtime64 d\_gmtime64 d\_mktime64 d\_difftime64 d\_asctime64: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_ctime64:

?S: This variable conditionally defines the HAS\_CTIME64 symbol, which

?S: indicates to the C program that the ctime64 () routine is available.

?S:.

?S:d\_localtime64:

?S: This variable conditionally defines the HAS\_LOCALTIME64 symbol, which

?S: indicates to the C program that the localtime64 () routine is available.

?S:.

?S:d\_gmtime64:

?S: This variable conditionally defines the HAS\_GMTIME64 symbol, which

?S: indicates to the C program that the gmtime64 () routine is available.

?S:.

?S:d\_mktime64:

?S: This variable conditionally defines the HAS\_MKTIME64 symbol, which

?S: indicates to the C program that the mktime64 () routine is available.

?S:.

?S:d\_difftime64:

?S: This variable conditionally defines the HAS\_DIFFTIME64 symbol, which

?S: indicates to the C program that the difftime64 () routine is available.

?S:.

?S:d\_asctime64:

?S: This variable conditionally defines the HAS\_ASCTIME64 symbol, which

?S: indicates to the C program that the asctime64 () routine is available.

?S:.

?C:HAS\_CTIME64:

?C: This symbol, if defined, indicates that the ctime64 () routine is

?C: available to do the 64bit variant of ctime ()

?C:.

?C:HAS\_LOCALTIME64:

?C: This symbol, if defined, indicates that the localtime64 () routine is

?C: available to do the 64bit variant of localtime ()  
?C:.  
?C:HAS\_GMTIME64:  
?C: This symbol, if defined, indicates that the gmtime64 () routine is  
?C: available to do the 64bit variant of gmtime ()  
?C:.  
?C:HAS\_MKTIME64:  
?C: This symbol, if defined, indicates that the mktime64 () routine is  
?C: available to do the 64bit variant of mktime ()  
?C:.  
?C:HAS\_DIFFTIME64:  
?C: This symbol, if defined, indicates that the difftime64 () routine is  
?C: available to do the 64bit variant of difftime ()  
?C:.  
?C:HAS\_ASCTIME64:  
?C: This symbol, if defined, indicates that the asctime64 () routine is  
?C: available to do the 64bit variant of asctime ()  
?C:.  
?H:#\$d\_ctime64 HAS\_CTIME64 /\*\*/  
?H:#\$d\_localtime64 HAS\_LOCALTIME64 /\*\*/  
?H:#\$d\_gmtime64 HAS\_GMTIME64 /\*\*/  
?H:#\$d\_mktime64 HAS\_MKTIME64 /\*\*/  
?H:#\$d\_difftime64 HAS\_DIFFTIME64 /\*\*/  
?H:#\$d\_asctime64 HAS\_ASCTIME64 /\*\*/  
?H:.  
?LINT:set d\_ctime64 d\_localtime64 d\_gmtime64 d\_mktime64 d\_difftime64 d\_asctime64  
: see if 64bit time functions exists

```
set ctime64 d_ctime64  
eval $inlibc
```

```
set localtime64 d_localtime64  
eval $inlibc
```

```
set gmtime64 d_gmtime64  
eval $inlibc
```

```
set mktime64 d_mktime64  
eval $inlibc
```

```
set difftime64 d_difftime64  
eval $inlibc
```

```
set asctime64 d_asctime64  
eval $inlibc
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-



5.30.0/U/perl/d\_timefuncs64.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_semctl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_semctl.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:04 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_semctl: Inlibc
?MAKE: -pick add $@ %<
?S:d_semctl:
?S: This variable conditionally defines the HAS_SEMCTL symbol, which
?S: indicates to the C program that the semctl() routine is available.
?S:
?C:HAS_SEMCTL:
?C: This symbol, if defined, indicates that the semctl() routine is
?C: available to perform semaphore control operations.
?C:
?H:#$d_semctl HAS_SEMCTL /**/
?H:
?LINT:set d_semctl
: see if semctl exists
set semctl d_semctl
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_semctl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_pwd.U,v 3.0.1.2 1995/07/25 14:10:57 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
```

?RCS:  
?RCS: \$Log: i\_pwd.U,v \$  
?RCS: Revision 3.0.1.2 1995/07/25 14:10:57 ram  
?RCS: patch56: use setvar so hint file values can override our guesses (ADO)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/05/06 15:03:27 ram  
?RCS: patch23: had forgotten cppminus in cppstdin test (ADO)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:08:25 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit checks whether there is a pwd system or not  
?X:  
?MAKE:i\_pwd d\_pwquota d\_pwage d\_pwchange d\_pwclass d\_pwexpire \  
d\_pwgecos d\_pwpasswd d\_pwcomment: \  
contains rm cppstdin cppflags cppminus Inhdr Findhdr Setvar  
?MAKE: -pick add \$@ %<  
?S:i\_pwd:  
?S: This variable conditionally defines I\_PWD, which indicates  
?S: to the C program that it should include <pwd.h>.  
?S:.  
?S:d\_pwquota:  
?S: This variable conditionally defines PWQUOTA, which indicates  
?S: that struct passwd contains pw\_quota.  
?S:.  
?S:d\_pwage:  
?S: This variable conditionally defines PWAGE, which indicates  
?S: that struct passwd contains pw\_age.  
?S:.  
?S:d\_pwchange:  
?S: This variable conditionally defines PWCHANGE, which indicates  
?S: that struct passwd contains pw\_change.  
?S:.  
?S:d\_pwclass:  
?S: This variable conditionally defines PWCLASS, which indicates  
?S: that struct passwd contains pw\_class.  
?S:.  
?S:d\_pwexpire:  
?S: This variable conditionally defines PWEXPIRE, which indicates  
?S: that struct passwd contains pw\_expire.  
?S:.  
?S:d\_pwcomment:  
?S: This variable conditionally defines PWCOMMENT, which indicates  
?S: that struct passwd contains pw\_comment.  
?S:.  
?S:d\_pwgecos:  
?S: This variable conditionally defines PWGECOS, which indicates

?S: that struct passwd contains pw\_gecos.  
?S:.  
?S:d\_pwpasswd:  
?S: This variable conditionally defines PWPASSWD, which indicates  
?S: that struct passwd contains pw\_passwd.  
?S:.  
?C:I\_PWD:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <pwd.h>.  
?C:.  
?C:PWQUOTA:  
?C: This symbol, if defined, indicates to the C program that struct passwd  
?C: contains pw\_quota.  
?C:.  
?C:PWAGE:  
?C: This symbol, if defined, indicates to the C program that struct passwd  
?C: contains pw\_age.  
?C:.  
?C:PWCHANGE:  
?C: This symbol, if defined, indicates to the C program that struct passwd  
?C: contains pw\_change.  
?C:.  
?C:PWCLASS:  
?C: This symbol, if defined, indicates to the C program that struct passwd  
?C: contains pw\_class.  
?C:.  
?C:PWEXPIRE:  
?C: This symbol, if defined, indicates to the C program that struct passwd  
?C: contains pw\_expire.  
?C:.  
?C:PWCOMMENT:  
?C: This symbol, if defined, indicates to the C program that struct passwd  
?C: contains pw\_comment.  
?C:.  
?C:PWGECOS:  
?C: This symbol, if defined, indicates to the C program that struct passwd  
?C: contains pw\_gecos.  
?C:.  
?C:PWPASSWD:  
?C: This symbol, if defined, indicates to the C program that struct passwd  
?C: contains pw\_passwd.  
?C:.  
?H:#\$i\_pwd I\_PWD /\*\*/  
?H:#\$d\_pwquota PWQUOTA /\*\*/  
?H:#\$d\_pwage PWAGE /\*\*/  
?H:#\$d\_pwchange PWCHANGE /\*\*/  
?H:#\$d\_pwclass PWCLASS /\*\*/  
?H:#\$d\_pwexpire PWEXPIRE /\*\*/

```

?H:#$d_pwcomment PWCOMMENT /**/
?H:#$d_pwgecos PWGECOS /**/
?H:#$d_pwpasswd PWPASSWD /**/
?H:.
?LINT: set i_pwd d_pwquota d_pwage d_pwchange d_pwclass d_pwexpire d_pwcomment
?LINT: set d_pwgecos d_pwpasswd
?T:xxx
: see if this is a pwd.h system
set pwd.h i_pwd
eval $inhdr

case "$i_pwd" in
$define)
xxx=`./findhdr pwd.h`
$cpstdin $cppflags $cppminus < $xxx >$.h

if $contains 'pw_quota' $.h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_pwquota
eval $setvar

if $contains 'pw_age' $.h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_pwage
eval $setvar

if $contains 'pw_change' $.h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_pwchange
eval $setvar

if $contains 'pw_class' $.h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_pwclass
eval $setvar

```

```
if $contains 'pw_expire' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwexpire
eval $setvar
```

```
if $contains 'pw_comment' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwcomment
eval $setvar
```

```
if $contains 'pw_gecos' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwgecos
eval $setvar
```

```
if $contains 'pw_passwd' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwpasswd
eval $setvar
```

```
$rm -f $$h
;;
*)
val="$undef";
set d_pwquota; eval $setvar
set d_pwage; eval $setvar
set d_pwchange; eval $setvar
set d_pwclass; eval $setvar
set d_pwexpire; eval $setvar
set d_pwcomment; eval $setvar
set d_pwgecos; eval $setvar
set d_pwpasswd; eval $setvar
;;
esac
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i\_pwd.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: longsize.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: longsize.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:09:35 ram

?RCS: patch61: code moved to intsize.U

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:24:31 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:07 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: 'longsize' is now defined within intsize.U

?X:

?LINT: empty

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/longsize.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getmntent: Inlibc

?MAKE:-pick add \$@ %<

?S:d\_getmntent:

?S: This variable conditionally defines the HAS\_GETMNTENT symbol, which

?S: indicates to the C program that the getmntent() routine is available

?S: to iterate through mounted files to get their mount info.

?S:.

?C:HAS\_GETMNTENT:

?C: This symbol, if defined, indicates that the getmntent routine is

?C: available to iterate through mounted file systems to get their info.

?C:.

?H:#\$d\_getmntent HAS\_GETMNTENT /\*\*/

?H:.

?LINT:set d\_getmntent

: see if getmntent exists

set getmntent d\_getmntent

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getmntent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_sysun.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:42 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit looks wether <inttypes.h> is available or not

?X:

?MAKE:i\_inttypes: Inhdr

?MAKE:-pick add \$@ %<

?S:i\_inttypes:

?S: This variable conditionally defines I\_INTTYPES, which indicates

?S: to the C program that it should include <inttypes.h> to get

?S: format conversions of integer types.

?S:.

?C:I\_INTTYPES:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <inttypes.h> to get format conversions of integer types.

?C:.

?H:#\$i\_inttypes I\_INTTYPES /\*\*/

?H:.

?LINT:set i\_inttypes

: see if this is a inttypes.h system

```
set inttypes.h i_inttypes
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_inttypes.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Nothing.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Nothing.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:05:09 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: The purpose of this file is to supply an empty target for the private
```

```
?X: Makefile built by metaconfig to order the units.
```

```
?X:
```

```
?MAKE:Nothing: Head
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Nothing.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:sysroot: Head
```

```
?MAKE: -pick add $@ %<
```

```
?S:sysroot:
```

```
?S: This variable is empty unless supplied by the Configure user.
```

```
?S: It can contain a path to an alternative root directory, under which
```

```
?S: headers and libraries for the compilation target can be found. This
```

```
?S: is generally used when cross-compiling using a gcc-like compiler.
```

```
?S:.
```

```
?LINT:extern cc
```

```
?LINT:extern cppflags
```



```

?LINT:change cppflags
?LINT:extern ccflags
?LINT:change ccflags
?LINT:extern ldflags
?LINT:change ldflags
?LINT:extern cccdlflags
?X: _sysroot is later used in ccflags, but we do not want it in config.sh
?T:var xxx path _sysroot
: Set 'sysroot' to change the logical root directory to your headers and libraries see man gcc
: This is primarily meant for cross-compile environments, and may fail to be useful in other cases
if test "X$sysroot" = X; then
    sysroot=""
else
    case "$cc" in
    *gcc*|*g++*)
        echo "Using $sysroot to find your headers and libraries, adding to ccflags"
        # _sysroot is used in places where we need --sysroot=foo
        # but using the rest of the flags could cause issues.
        _sysroot="--sysroot=$sysroot";
        case "$ccflags" in
        *sysroot*) ;;
        'undef'|*)
            ccflags="$ccflags $_sysroot"
        esac
        case "$ldflags" in
        *sysroot*) ;;
        'undef'|*)
            ldflags="$ldflags $_sysroot"
        esac
        case "$cppflags" in
        *sysroot*) ;;
        'undef'|*)
            cppflags="$cppflags $_sysroot"
        esac
        # lddlflags updated below in lddlflags section;
        # same with cccdlflags
        ;;
    esac

    # Adjust some defaults to also use $sysroot
    for var in xlibpth loclibpth locincpth glibpth; do
        eval xxx=\$$var
        eval $var="
for path in $xxx; do
    eval $var="\$$var $sysroot$path\"
done
done

```

fi

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Sysroot.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_ieefp.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_ieefp: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_ieefp:

?S: This variable conditionally defines the I\_IEEEFP symbol, and indicates

?S: whether a C program should include <ieefp.h>.

?S:.

?C:I\_IEEEFP:

?C: This symbol, if defined, indicates that <ieefp.h> exists and

?C: should be included.

?C:.

?H:#\$i\_ieefp I\_IEEEFP /\*\*/

?H:.

?LINT:set i\_ieefp

: see if this is a ieefp.h system

case "\$i\_ieefp" in

" ) set ieefp.h i\_ieefp

eval \$inhdr

;;

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_ieefp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_strcoll.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_strcoll.U,v \$  
?RCS: Revision 3.0.1.1 1994/08/29 16:12:01 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_strcoll: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_strcoll:  
?S: This variable conditionally defines HAS\_STRCOLL if strcoll() is  
?S: available to compare strings using collating information.  
?S:.  
?C:HAS\_STRCOLL:  
?C: This symbol, if defined, indicates that the strcoll routine is  
?C: available to compare strings using collating information.  
?C:.  
?H:#\$d\_strcoll HAS\_STRCOLL /\*\*/  
?H:.  
?LINT:set d\_strcoll  
: see if strcoll exists  
set strcoll d\_strcoll  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_strcoll.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: man3dir.U,v 3.1 1999/07/08 20:52:19 doughera Exp doughera \$  
?RCS:  
?RCS: Copyright (c) 1996-1999, Andy Dougherty  
?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: man3dir.U,v \$  
?RCS: Revision 3.1 1999/07/08 20:52:19 doughera  
?RCS: Updated for perl5.005\_5x  
?RCS:  
?RCS: Revision 3.0.1.1 1997/02/28 16:10:34 ram  
?RCS: patch61: created  
?RCS:  
?X: This was originally specific to perl5. Since perl5 has man pages that

?X: go in both man1/ and man3/ directories, we need both man1dir  
?X: and man3dir. This unit is basically dist's mansrc.U with  
?X: man3 used instead of man everywhere.  
?X: I then added various tests because perl5 has \*lots\* of man3  
?X: pages with long file names. -- ADO  
?X:  
?MAKE:man3dir man3direxp man3ext installman3dir: cat nroff Loc Oldconfig \  
sed man1dir spackage package Getfile Setprefixvar Prefixit Prefixup \  
d\_flexfnam privlib Myread test  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?D:man3dir="  
?S:man3dir:  
?S: This variable contains the name of the directory in which manual  
?S: source pages are to be put. It is the responsibility of the  
?S: Makefile.SH to get the value of this into the proper command.  
?S: You must be prepared to do the ~name expansion yourself.  
?S:.  
?D:man3direxp="  
?S:man3direxp:  
?S: This variable is the same as the man3dir variable, but is filename  
?S: expanded at configuration time, for convenient use in makefiles.  
?S:.  
?D:installman3dir="  
?S:installman3dir:  
?S: This variable is really the same as man3direxp, unless you are using  
?S: AFS in which case it points to the read/write location whereas  
?S: man3direxp only points to the read-only access location. For extra  
?S: portability, you should only use this variable within your makefiles.  
?S:.  
?S:man3ext:  
?S: This variable contains the extension that the manual page should  
?S: have: one of 'n', 'l', or '3'. The Makefile must supply the '.'.  
?S: See man3dir.  
?S:.  
?T:prog tdfit  
?LINT:change prefixvar  
?LINT:set man3direxp  
: determine where library module manual pages go  
set man3dir man3dir none  
eval \$prefixit  
\$cat <<EOM  
  
\$spackage has manual pages for many of the library modules.  
EOM  
  
case "\$nroff" in  
nroff)

```
$cat <<'EOM'
```

However, you don't have nroff, so they're probably useless to you.

```
EOM
```

```
case "$man3dir" in
") man3dir="none";;
esac;;
esac
```

```
case "$d_flexfnam" in
undef)
```

```
$cat <<'EOM'
```

However, your system can't handle the long file names like File::Basename.3.

```
EOM
```

```
case "$man3dir" in
") man3dir="none";;
esac;;
esac
```

```
echo "If you don't want the manual sources installed, answer 'none'."
```

```
?X: In 5.005_57 and earlier, I had the following notes:
```

```
?X: We do not use /usr/local/man/man3 because some man programs will
```

```
?X: only show the /usr/local/man/man3 contents, and not the system ones,
```

```
?X: thus man less will show the perl module less.pm, but not the system
```

```
?X: less command. We might also conflict with Tcl man pages.
```

```
?X: However, something like /opt/perl/man/man3 is fine.
```

```
?X:
```

```
?X: However, opinion seems to be shifting such that 'man POSIX' ought
```

```
?X: to just work. -- Andy Dougherty July 8, 1999
```

```
?X:
```

```
?X: remove any trailing -3.0 or other version indication from $package
```

```
prog=`echo $package | $sed 's/-*[0-9.]*$//`
```

```
case "$man3dir" in
```

```
") dflt=`echo "$man1dir" | $sed -e 's/man1/man3/g' -e 's/man\1/man\3/g`
```

```
if $test -d "$privlib/man/man3"; then
```

```
cat <<EOM >&4
```

WARNING: Previous versions of perl installed man3 pages into

\$privlib/man/man3. This version will suggest a

new default of \$dflt.

```
EOM
```

```
tdflt=$dflt
```

```
dflt='n'
```

```
rp='Do you wish to preserve the old behavior?(y/n)'
```

```
./myread
```

```
case "$ans" in
```

```
y*) dflt="$privlib/man/man3" ;;
```

```
*) dflt=$tdflt ;;
```

```
esac
```

```

    fi
    ;;
*) dflt="$man3dir" ;;
esac
case "$dflt" in
' ') dflt=none ;;
esac
echo " "
fn=dn+~
rp="Where do the $package library man pages (source) go?"
./getfile
prefixvar=man3dir
./setprefixvar

case "$man3dir" in
") man3dir=' '
installman3dir="";;
esac

: What suffix to use on installed man pages
case "$man3dir" in
' ')
man3ext='0'
;;
*)
rp="What suffix should be used for the $package library man pages?"
case "$man3ext" in
") case "$man3dir" in
*3) dflt=3 ;;
*3p) dflt=3p ;;
*3pm) dflt=3pm ;;
*1) dflt=1;;
*n) dflt=n;;
*o) dflt=o;;
*p) dflt=p;;
*C) dflt=C;;
*L) dflt=L;;
*L3) dflt=L3;;
*) dflt=3;;
esac
;;
*) dflt="$man3ext";;
esac
./myread
man3ext="$ans"
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/man3dir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_dirent.U,v 3.0.1.4 1994/10/29 16:20:01 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: i\_dirent.U,v \$

?RCS: Revision 3.0.1.4 1994/10/29 16:20:01 ram

?RCS: patch36: failed scanning for 'd\_namlen' with missing <dirent.h> (ADO)

?RCS:

?RCS: Revision 3.0.1.3 1994/06/20 07:01:25 ram

?RCS: patch30: added direntrytype for hints, merely for NeXT (ADO)

?RCS: patch30: now checks for both struct dirent and direct (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:22:37 ram

?RCS: patch27: new variable direntrytype for proper type setting (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/01/24 14:11:15 ram

?RCS: patch16: added new Direntry\_t pseudo-type for directory entries

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:17 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit looks whether there is a dirent system or not

?X:

?MAKE:i\_dirent d\_dirnamlen direntrytype: test contains Setvar \

Myread Findhdr cppstdin cppflags cppminus rm\_try

?MAKE: -pick add \$@ %<

?S:i\_dirent:

?S: This variable conditionally defines I\_DIRENT, which indicates

?S: to the C program that it should include <dirent.h>.

?S:.

?S:d\_dirnamlen:

?S: This variable conditionally defines DIRNAMLEN, which indicates

?S: to the C program that the length of directory entry names is

?S: provided by a d\_namelen field.

?S:.

?S:direntrytype:

?S: This symbol is set to 'struct direct' or 'struct dirent' depending on  
?S: whether dirent is available or not. You should use this pseudo type to  
?S: portably declare your directory entries.

?S:.

?C:I\_DIRENT:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <dirent.h>. Using this symbol also triggers the definition

?C: of the Direntry\_t define which ends up being 'struct dirent' or

?C: 'struct direct' depending on the availability of <dirent.h>.

?C:.

?C:DIRNAMLEN:

?C: This symbol, if defined, indicates to the C program that the length

?C: of directory entry names is provided by a d\_namlen field. Otherwise

?C: you need to do strlen() on the d\_name field.

?C:.

?C:Direntry\_t:

?C: This symbol is set to 'struct direct' or 'struct dirent' depending on

?C: whether dirent is available or not. You should use this pseudo type to

?C: portably declare your directory entries.

?C:.

?H:#\$i\_dirent I\_DIRENT /\*\*/

?H:#\$d\_dirnamlen DIRNAMLEN /\*\*/

?H:%<:@if I\_DIRENT && Direntry\_t

?H:%<:#define Direntry\_t \$direntrytype

?H:%<:@end

?H:.

?T:xinc guess1 guess2

?LINT:set i\_dirent d\_dirnamlen

: see if this is a dirent system

echo " "

if xinc=`./findhdr dirent.h`; \$test "\$xinc"; then

val="\$define"

echo "<dirent.h> found." >&4

else

val="\$undef"

if xinc=`./findhdr sys/dir.h`; \$test "\$xinc"; then

echo "<sys/dir.h> found." >&4

echo " "

else

xinc=`./findhdr sys/ndir.h`

fi

echo "<dirent.h> NOT found." >&4

fi

set i\_dirent

eval \$setvar

?X: Use struct dirent or struct direct? If we're using dirent.h,

?X: it's probably struct dirent, but apparently not always.



?X: Assume \$xinc still contains the name of the header file we're using.

```
@if direntrytype || Direntry_t
```

```
: Look for type of directory structure.
```

```
echo " "
```

```
$cppstdin $cppflags $cppminus < "$xinc" > try.c
```

```
case "$direntrytype" in
```

```
"|' )
```

```
case "$i_dirent" in
```

```
$define) guess1='struct dirent' ;;
```

```
*) guess1='struct direct' ;;
```

```
esac
```

```
::
```

```
*) guess1="$direntrytype"
```

```
::
```

```
esac
```

```
case "$guess1" in
```

```
'struct dirent') guess2='struct direct' ;;
```

```
*) guess2='struct dirent' ;;
```

```
esac
```

```
if $contains "$guess1" try.c >/dev/null 2>&1; then
```

```
direntrytype="$guess1"
```

```
echo "Your directory entries are $direntrytype." >&4
```

```
elif $contains "$guess2" try.c >/dev/null 2>&1; then
```

```
direntrytype="$guess2"
```

```
echo "Your directory entries seem to be $direntrytype." >&4
```

```
else
```

```
echo "I don't recognize your system's directory entries." >&4
```

```
rp="What type is used for directory entries on this system?"
```

```
dflt="$guess1"
```

```
. ./myread
```

```
direntrytype="$ans"
```

```
fi
```

```
$rm_try
```

```
@end
```

```
@if d_dirnamlen || DIRNAMLEN
```

```
: see if the directory entry stores field length
```

```
echo " "
```

```
$cppstdin $cppflags $cppminus < "$xinc" > try.c
```

```
if $contains 'd_namlen' try.c >/dev/null 2>&1; then
```

```
echo "Good, your directory entry keeps length information in d_namlen." >&4
```

```
val="$define"
```

```
else
```

```
echo "Your directory entry does not know about the d_namlen field." >&4
```

```
val="$undef"
```

```
fi
set d_dirnamlen
eval $setvar
$rm_try
```

@end

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_dirent.U
```

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2000,2014 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fpclassify d\_fp\_classify: Inlibc cat Compile rm\_try Setvar

?MAKE: -pick add \$@ %<

?X:the short story is that C99 says use fpclassify. But the story is confused

?X:by systems "partially C99" (or fully "pre C99") which either user fpclassify

?X:but with different return values, or they use fp\_classify (with the expected

?X:return values, or they use some other spelling of \*fp\*class\* (sometimes even

?X:without the \*fp\* part), with yet another set(s) of return values ...

?S:d\_fpclassify:

?S: This variable conditionally defines the HAS\_FPCLASSIFY symbol, which

?S: indicates to the C program that the fpclassify() routine is available.

?S:.

?S:d\_fp\_classify:

?S: This variable conditionally defines the HAS\_FP\_CLASSIFY symbol, which

?S: indicates to the C program that the fp\_classify() routine is available.

?S:.

?C:HAS\_FPCLASSIFY:

?C: This symbol, if defined, indicates that the fpclassify routine is

?C: available to classify doubles. Available for example in HP-UX.

?C: The returned values are defined in <math.h> and are

?C:

?C: FP\_NORMAL Normalized

?C: FP\_ZERO Zero

?C: FP\_INFINITE Infinity

?C: FP\_SUBNORMAL Denormalized

?C: FP\_NAN NaN

?C:

?C:.

?C:HAS\_FP\_CLASSIFY:

?C: This symbol, if defined, indicates that the fp\_classify routine is

?C: available to classify doubles. The values are defined in <math.h>

?C:

```

?C: FP_NORMAL    Normalized
?C: FP_ZERO      Zero
?C: FP_INFINITE  Infinity
?C: FP_SUBNORMAL Denormalized
?C: FP_NAN       NaN
?C:
?C.:
?H:#$d_fpclassify HAS_FPCLASSIFY /**/
?H:#$d_fp_classify HAS_FP_CLASSIFY /**/
?H.:
?LINT:set d_fpclassify
?LINT:set d_fp_classify
: check for fpclassify
?X:classified (Comment by jhi)
?X:fpclassify i_math
?X:fp_classify i_math
?X:fpclass i_math i_jeefp i_fp
?X:fp_class i_math i_fp_class
?X: No i_fp_class yet. But the systems that have
?X: this (Tru64 and IRIX) both had <fp_class.h>
?X:class i_math
echo "Checking to see if you have fpclassify..." >&4
$cat >try.c <<EOCP
#include <math.h>
int main() { return fpclassify(1.0) == FP_NORMAL ? 0 : 1; }
EOCP
set try
if eval $compile; then
  val="$define"
  echo "You have fpclassify."
else
  val="$undef"
  echo "You do not have fpclassify."
fi
$rm_try
set d_fpclassify
eval $setvar

: see if fp_classify exists
set fp_classify d_fp_classify
eval $inlibc

Found in path(s):
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_fpclassify.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_wcstombs.U 1 2006-08-24 12:32:52Z rmanfredi $

```

```

?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_wcstombs.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:03 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_wcstombs: Inlibc
?MAKE:-pick add $@ %<
?S:d_wcstombs:
?S: This variable conditionally defines the HAS_WCSTOMBS symbol, which
?S: indicates to the C program that the wcstombs() routine is available
?S: to convert wide character strings to multibyte strings.
?S:.
?C:HAS_WCSTOMBS:
?C: This symbol, if defined, indicates that the wcstombs routine is
?C: available to convert wide character strings to multibyte strings.
?C:.
?H:#$d_wcstombs HAS_WCSTOMBS /**/
?H:.
?LINT:set d_wcstombs
: see if wcstombs exists
set wcstombs d_wcstombs
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wcstombs.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: ccflags.U,v $
?RCS: Revision 3.0.1.9 1997/02/28 15:27:07 ram

```

?RCS: patch61: removed support for NO\_PROTOTYPE detection on SCO  
?RCS: patch61: new locincpth variable  
?RCS: patch61: added info on the "additional ld flags" question  
?RCS:  
?RCS: Revision 3.0.1.8 1995/07/25 13:48:54 ram  
?RCS: patch56: re-arranged compile line to include ldflags before objects  
?RCS:  
?RCS: Revision 3.0.1.7 1995/05/12 12:08:33 ram  
?RCS: patch54: now checks for cc/ccflags/ldflags coherency  
?RCS:  
?RCS: Revision 3.0.1.6 1994/10/29 16:07:02 ram  
?RCS: patch36: gcc versioning no longer relies on the C compiler's name  
?RCS: patch36: simplified check for gcc version checking (ADO)  
?RCS:  
?RCS: Revision 3.0.1.5 1994/08/29 16:06:35 ram  
?RCS: patch32: propagate -posix flag from ccflags to ldflags  
?RCS:  
?RCS: Revision 3.0.1.4 1994/05/06 14:28:45 ram  
?RCS: patch23: -fpcc-struct-return only needed in gcc 1.x (ADO)  
?RCS: patch23: cppflags now computed on an option-by-option basis  
?RCS: patch23: magically added cc flags now only done the first time  
?RCS:  
?RCS: Revision 3.0.1.3 1993/09/13 15:58:29 ram  
?RCS: patch10: explicitly mention -DDEBUG just in case they need it (WAD)  
?RCS: patch10: removed all the "tans" variable usage (WAD)  
?RCS:  
?RCS: Revision 3.0.1.2 1993/08/27 14:39:38 ram  
?RCS: patch7: added support for OSF/1 machines  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/25 14:00:24 ram  
?RCS: patch6: added defaults for cppflags, ccflags and ldflags  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:31 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:ccflags ldflags lkflags cppflags optimize locincpth: test cat \  
Myread Guess Options Oldconfig gccversion mips\_type +usrinc \  
package contains rm rm\_try +cc cppstdin cppminus cprun cplast libpth \  
loclibpth hint  
?MAKE: -pick add \$@ %<  
?S:ccflags:  
?S: This variable contains any additional C compiler flags desired by  
?S: the user. It is up to the Makefile to use this.  
?S:.  
?S:cppflags:  
?S: This variable holds the flags that will be passed to the C pre-  
?S: processor. It is up to the Makefile to use it.  
?S:.

?S:optimize:  
?S: This variable contains any optimizer/debugger flag that should be used.  
?S: It is up to the Makefile to use it.  
?S:.  
?S:ldflags:  
?S: This variable contains any additional C loader flags desired by  
?S: the user. It is up to the Makefile to use this.  
?S:.  
?S:lkflags:  
?S: This variable contains any additional C partial linker flags desired by  
?S: the user. It is up to the Makefile to use this.  
?S:.  
?S:locincpth:  
?S: This variable contains a list of additional directories to be  
?S: searched by the compiler. The appropriate -I directives will  
?S: be added to cflags. This is intended to simplify setting  
?S: local directories from the Configure command line.  
?S: It's not much, but it parallels the loclibpth stuff in libpth.U.  
?S:.  
?T:inctest thisincl xxx flag inclwanted ftry previous thislibdir  
?F:!cpp.c  
?D:cppflags="  
?D:cflags="  
?D:ldflags="  
?D:optimize="  
?INIT:: Possible local include directories to search.  
?INIT:: Set locincpth to "" in a hint file to defeat local include searches.  
?INIT:locincpth="/usr/local/include /opt/local/include /usr/gnu/include"  
?INIT:locincpth="\$locincpth /opt/gnu/include /usr/GNU/include /opt/GNU/include"  
?INIT::  
?INIT:: no include file wanted by default  
?INIT:inclwanted="  
?INIT:  
: determine optimize, if desired, or use for debug flag also  
case "\$optimize" in  
'|\$undef) dflt='none';;  
")  
case "\$gccversion" in  
") dflt='-O';;  
\*) dflt='-O2 -g';;  
esac  
;;  
\*) dflt="\$optimize";;  
esac  
case "\$gccversion" in  
") \$cat <<EOH

Some C compilers have problems with their optimizers. By default, \$package

compiles with the -O flag to use the optimizer. Alternately, you might want to use the symbolic debugger, which uses the -g flag (on traditional Unix systems). Either flag can be specified here. To use neither flag, specify the word "none".

EOH

::

\*) \$cat <<EOH

With the GNU C compiler, it is possible to supply both -O2 and -g flags, to be able to reasonably optimize, whilst retaining the ability to use a symbolic debugger. Either flag can be specified here. To use neither flag, specify the word "none".

EOH

::

esac

rp="What optimizer/debugger flag should be used?"

./myread

optimize="\$ans"

case "\$optimize" in

'none') optimize=" ";;

esac

dflt="

: We will not override a previous value, but we might want to

: augment a hint file

case "\$hint" in

default|recommended)

case "\$gccversion" in

1\*) dflt='-fpcc-struct-return' ;;

esac

?X: check for POSIXized ISC

case "\$gccversion" in

2\*) if test -d /etc/conf/kconfig.d &&

\$contains \_POSIX\_VERSION \$usrinc/sys/unistd.h >/dev/null 2>&1

then

dflt="\$dflt -posix"

fi

::

esac

?X: turn warnings on if they're using gcc

case "\$gccversion" in

1\*|2\*) dflt="\$dflt -Wall";;

?X: starting with version 3, add "-W -Wall -Wformat=2 -Wshadow" by default

\*) dflt="\$dflt -W -Wall -Wformat=2 -Wshadow";;

esac

::

esac

?X: In USG mode, a MIPS system may need some BSD includes

```
case "$mips_type" in
*BSD*|*) inclwanted="$locincpth $usrinc";;
*) inclwanted="$locincpth $inclwanted $usrinc/bsd";;
```

esac

for thisincl in \$inclwanted; do

if \$test -d \$thisincl; then

if \$test x\$thisincl != x\$usrinc; then

case "\$dflt" in

\*\$thisincl\*);;

\*) dflt="\$dflt -I\$thisincl";;

esac

fi

fi

done

?X: Include test function (header, symbol)

```
inctest='if $contains $2 $usrinc/$1 >/dev/null 2>&1; then
```

```
xxx=true;
```

```
elif $contains $2 $usrinc/sys/$1 >/dev/null 2>&1; then
```

```
xxx=true;
```

```
else
```

```
xxx=false;
```

```
fi;
```

```
if $xxx; then
```

```
case "$dflt" in
```

```
*$2*);;
```

```
*) dflt="$dflt -D$2";;
```

```
esac;
```

```
fi'
```

?X:

?X: OSF/1 uses \_\_LANGUAGE\_C\_\_ instead of LANGUAGE\_C

?X:

```
if ./osf1; then
```

```
set signal.h __LANGUAGE_C__; eval $inctest
```

```
else
```

```
set signal.h LANGUAGE_C; eval $inctest
```

```
fi
```

```
case "$hint" in
```

```
default|recommended) dflt="$ccflags $dflt" ;;
```

```
*) dflt="$ccflags";;
```

```
esac
```

```
case "$dflt" in
```



```
"|' ) dflt=none;;
esac
$cat <<EOH
```

Your C compiler may want other flags. For this question you should include -I/whatever and -DWHATEVER flags and any other flags used by the C compiler, but you should NOT include libraries or ld flags like -lwhatever.

To use no flags, specify the word "none".

```
EOH
?X: strip leading space
set X $dflt
shift
dflt=${1+"$@"}
rp="Any additional cc flags?"
. ./myread
case "$sans" in
none) ccflags="";;
*) ccflags="$sans";;
esac
```

: the following weeds options from ccflags that are of no interest to cpp

```
cppflags="$ccflags"
case "$gccversion" in
1*) cppflags="$cppflags -D__GNUC__"
esac
case "$mips_type" in
");;
*BSD*) cppflags="$cppflags -DSYSTYPE_BSD43";;
esac
case "$cppflags" in
");;
*)
echo " "
echo "Let me guess what the preprocessor flags are..." >&4
set X $cppflags
shift
cppflags="
$cat >cpp.c <<'EOM'
#define BLURFL foo
```

```
BLURFL xx LFRULB
```

```
EOM
```

```
?X:
```

?X: For each cc flag, try it out with both cppstdin and cprun, since the

?X: first is almost surely a cc wrapper. We have to try both in case

?X: of cc flags like '-Olimit 2900' that are actually two words...

```

?X:
previous=""
for flag in $*
do
case "$flag" in
-*) ftry="$flag";;
*) ftry="$previous $flag";;
esac
if $cppstdin -DLFRULB=bar $ftry $cppminus <cpp.c \
>cpp1.out 2>/dev/null && \
$cpprun -DLFRULB=bar $ftry $cpplast <cpp.c \
>cpp2.out 2>/dev/null && \
$contains 'foo.*xx.*bar' cpp1.out >/dev/null 2>&1 && \
$contains 'foo.*xx.*bar' cpp2.out >/dev/null 2>&1
then
cppflags="$cppflags $ftry"
previous=""
else
previous="$flag"
fi
done
set X $cppflags
shift
cppflags=${1+"$@"}
case "$cppflags" in
*_**) echo "They appear to be: $cppflags";;
esac
$rm -f cpp.c cpp?.out
;;
esac

```

: flags used in final linking phase

```

case "$ldflags" in
") if ./venix; then
dflt='-i -z'
else
dflt=""
fi
case "$ccflags" in
*_-posix*) dflt="$dflt -posix" ;;
esac
;;
*) dflt="$ldflags";;
esac

```

: Try to guess additional flags to pick up local libraries.

```

for thislibdir in $libpth; do
case " $loclibpth " in

```

```

*) $thislibdir *)
case "$dflt" in
*) -L$thislibdir *) ;;
*) dflt="$dflt -L$thislibdir" ;;
esac
;;
esac
done

case "$dflt" in
") dflt='none' ;;
*) set X $dflt; shift; dflt="$@" ;;
esac

$cat <<EOH

```

Your C linker may need flags. For this question you should include `-L/whatever` and any other flags used by the C linker, but you should NOT include libraries like `-lwhatever`.

Make sure you include the appropriate `-L/path` flags if your C linker does not normally search all of the directories you specified above, namely

`$libpth`

To use no flags, specify the word "none".

EOH

```

rp="Any additional ld flags (NOT including libraries)?"
./myread
case "$ans" in
none) ldflags="";
*) ldflags="$ans";
esac
rmlist="$rmlist pdp11"

```

```

@if lkflags
: partial linking may need other flags
case "$lkflags" in
") case "$ldflags" in
") dflt='none';
*) dflt="$ldflags";
esac;;
*) dflt="$lkflags";
esac
echo " "
rp="Partial linking flags to be used (NOT including -r)?"
./myread

```

```
case "$ans" in
none) lkflags="";;
*) lkflags="$ans";;
esac
```

@end

?X:

?X: If the user changes compilers after selecting a hint file, it's

?X: possible that the suggested ccflags/ldflags will be wrong. Try to

?X: compile and run a simple test program. Let the user see all the

?X: error messages. -- ADO and RAM

?X:

: coherency check

echo " "

echo "Checking your choice of C compiler and flags for coherency..." >&4

?X: Strip extra blanks in case some of the following variables are empty

set X \$cc \$optimize \$ccflags \$ldflags -o try try.c

shift

\$cat >try.msg <<EOM

I've tried to compile and run a simple program with:

\$\*

./try

and I got the following output:

EOM

\$cat > try.c <<'EOF'

#include <stdio.h>

int main() { exit(0); }

EOF

dflt=y

?X: Use "sh -c" to avoid error messages tagged with leading "Configure:".

?X: We need to try the resulting executable, because cc might yield a 0 status

?X: even when ld failed, in which case the executable will not run properly,

?X: if its x bit is set at all...

if sh -c "\$cc \$optimize \$ccflags \$ldflags -o try try.c" >>try.msg 2>&1; then

if sh -c './try' >>try.msg 2>&1; then

  dflt=n

else

  echo "The program compiled OK, but exited with status \$?." >>try.msg

  rp="You have a problem. Shall I abort Configure"

  dflt=y

fi

else

  echo "I can't compile the test program." >>try.msg

  rp="You have a BIG problem. Shall I abort Configure"

  dflt=y

```

fi
case "$dflt" in
y)
$cat try.msg >&4
?X: using -K will prevent default aborting--maybe they're cross compiling?
case "$knowitall" in
")
echo "(The supplied flags might be incorrect with this C compiler.)"
;;
*) dflt=n;;
esac
echo " "
./myread
case "$ans" in
n*|N*) ;;
*) echo "Ok. Stopping Configure." >&4
exit 1
;;
esac
;;
n) echo "OK, that should do.";;
esac
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ccflags.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: man1dir.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:10:29 ram

?RCS: patch61: created

?RCS:

?X:

?X: This was originally specific to perl5. Since perl5 has man pages that

?X: go in both man1/ and man3/ directories, we need both man1dir

?X: and man3dir. This unit is basically dist's mansrc.U with

```

?X: man1 used instead of man everywhere.
?X:
?MAKE:man1dir man1direxp man1ext installman1dir: afs cat nroff Loc Oldconfig \
  spackage test Getfile Prefixit prefixexp Prefixup sysman Myread
?MAKE: -pick add $@ %<
?Y:TOP
?S:man1dir:
?S: This variable contains the name of the directory in which manual
?S: source pages are to be put. It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S:.
?S:man1direxp:
?S: This variable is the same as the man1dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?S:installman1dir:
?S: This variable is really the same as man1direxp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: man1direxp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?S:man1ext:
?S: This variable contains the extension that the manual page should
?S: have: one of 'n', 'l', or '1'. The Makefile must supply the '!'.
?S: See man1dir.
?S:.
?T:lookpath
: determine where manual pages go
set man1dir man1dir none
eval $prefixit
$cat <<EOM

$spackage has manual pages available in source form.
EOM
case "$nroff" in
nroff)
echo "However, you don't have nroff, so they're probably useless to you."
case "$man1dir" in
") man1dir="none";;
esac;;
esac
echo "If you don't want the manual sources installed, answer 'none'."
case "$man1dir" in
') dflt=none
;;
")
lookpath="$prefixexp/man/man1 $prefixexp/man/l_man/man1"

```

```

lookpath="$lookpath $prefixexp/man/p_man/man1"
lookpath="$lookpath $prefixexp/man/u_man/man1"
lookpath="$lookpath $prefixexp/man/man.1"
?X: Experience has shown people expect man1dir to be under prefix,
?X: so we now always put it there. Users who want other behavior
?X: can answer interactively or use a command line option.
?X: Does user have System V-style man paths.
case "$sysman" in
*/?_man*) dflt=`./loc . $prefixexp/l_man/man1 $lookpath` ;;
*) dflt=`./loc . $prefixexp/man/man1 $lookpath` ;;
esac
set dflt
eval $prefixup
;;
*) dflt="$man1dir"
;;
esac
echo " "
fn=dn+~
rp="Where do the main $spackage manual pages (source) go?"
./getfile
if $test "X$man1direxp" != "X$sansexp"; then
installman1dir="
fi
man1dir="$ans"
man1direxp="$sansexp"
case "$man1dir" in
") man1dir=' '
installman1dir="";;
esac
if $afs; then
$cat <<EOM

```

Since you are running AFS, I need to distinguish the directory in which manual pages reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```

EOM
case "$installman1dir" in
") dflt=`echo $man1direxp | sed 's#^/afs/#/afs/.#`";;
*) dflt="$installman1dir";;
esac
fn=de~
rp='Where will man pages be installed?'
./getfile
installman1dir="$ans"
else
installman1dir="$man1direxp"

```

fi

: What suffix to use on installed man pages

```
case "$man1dir" in
' ')
man1ext='0'
;;
*)
rp="What suffix should be used for the main $spackage man pages?"
case "$man1ext" in
") case "$man1dir" in
*1) dflt=1 ;;
*1p) dflt=1p ;;
*1pm) dflt=1pm ;;
*1) dflt=1;;
*n) dflt=n;;
*o) dflt=o;;
*p) dflt=p;;
*C) dflt=C;;
*L) dflt=L;;
*L1) dflt=L1;;
*) dflt=1;;
esac
;;
*) dflt="$man1ext";;
esac
./myread
man1ext="$ans"
;;
esac
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/man1dir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_strtod\_1: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strtod\_1:

?S: This variable conditionally defines the HAS\_STRTOD\_L symbol, which



?S: indicates to the C program that the strtod\_l() routine is available.

?S:.

?C:HAS\_STRTOD\_L:

?C: This symbol, if defined, indicates that the strtod\_l routine is

?C: available to convert strings to long doubles.

?C:.

?H:#\$d\_strtod\_l HAS\_STRTOD\_L /\*\*/

?H:.

?LINT:set d\_strtod\_l

: see if strtod\_l exists

set strtod\_l d\_strtod\_l

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_strtod\_l.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_gethid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_gethid.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:10 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_gethid: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_gethid:

?S: This variable conditionally defines HAS\_GETHOSTID if gethostid() is

?S: available to get the host id.

?S:.

?C:HAS\_GETHOSTID (GETHOSTID):

?C: This symbol, if defined, indicates that the gethostid system call is

?C: available to get the host id.

?C:.

?H:#\$d\_gethid HAS\_GETHOSTID /\*\*/

?H:.

?LINT:set d\_gethid

: see if gethid exists

set gethostid d\_gethid

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_gethid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setpgrp.U,v 3.0.1.3 1997/02/28 15:44:16 ram Exp \$  
?RCS:  
?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
?RCS:  
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?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: d\_setpgrp.U,v \$  
?RCS: Revision 3.0.1.3 1997/02/28 15:44:16 ram  
?RCS: patch61: obsoleted USE\_BSDGRP in favor of USE\_BSD\_SETPGRP  
?RCS: patch61: another unit now also defines a USE\_BSD\_GETPGRP  
?RCS: patch61: fallback for test program failure improved  
?RCS:  
?RCS: Revision 3.0.1.2 1995/07/25 13:59:30 ram  
?RCS: patch56: re-arranged compile line to include ldflags before objects  
?RCS:  
?RCS: Revision 3.0.1.1 1994/10/29 16:15:37 ram  
?RCS: patch36: added 'ldflags' to the test compile line (ADO)  
?RCS: patch36: call ./usg explicitly instead of relying on PATH  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:07:09 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_setpgrp d\_bsdsetpgrp: cat rm\_try +cc +libs +ccflags \  
+ldflags Inlibc Guess Setvar i\_unistd i\_stdlib run  
?MAKE: -pick add \$@ %<  
?S:d\_setpgrp:  
?S: This variable conditionally defines HAS\_SETPGRP if setpgrp() is  
?S: available to set the current process group.  
?S:.  
?S:d\_bsdsetpgrp (d\_bsdpgp):  
?S: This variable conditionally defines USE\_BSD\_SETPGRP if  
?S: setpgrp needs two arguments whereas USG one needs none.  
?S: See also d\_setpgid for a POSIX interface.  
?S:.  
?C:HAS\_SETPGRP (SETPGRP):  
?C: This symbol, if defined, indicates that the setpgrp routine is  
?C: available to set the current process group.  
?C:.

?C:USE\_BSD\_SETPGRP (USE\_BSDPGRP BSDPGRP):  
?C: This symbol, if defined, indicates that setpgrp needs two  
?C: arguments whereas USG one needs none. See also HAS\_SETPGID  
?C: for a POSIX interface.

?C:.

?H:#\$d\_setpgrp HAS\_SETPGRP /\*\*/

?H:#\$d\_bsdsetpgrp USE\_BSD\_SETPGRP /\*\*/

?H:.

?T:xxx

?F:!try

?LINT:set d\_setpgrp d\_bsdsetpgrp

: see if setpgrp exists

set setpgrp d\_setpgrp

eval \$inlibc

@if USE\_BSD\_SETPGRP || d\_bsdsetpgrp

case "\$d\_setpgrp" in

"\$define")

echo " "

echo "Checking to see which flavor of setpgrp is in use..."

\$cat >try.c <<EOP

#\$i\_unistd I\_UNISTD

#include <sys/types.h>

#ifdef I\_UNISTD

# include <unistd.h>

#endif

#\$i\_stdlib I\_STDLIB

#ifdef I\_STDLIB

#include <stdlib.h>

#endif

int main()

{

if (getuid() == 0) {

printf("(I see you are running Configure as super-user...)\n");

setuid(1);

}

#ifdef TRY\_BSD\_PGRP

if (-1 == setpgrp(1, 1))

exit(0);

#else

if (setpgrp() != -1)

exit(0);

#endif

exit(1);

}

EOP

if \$cc -o try -DTRY\_BSD\_PGRP \$ccflags \$ldflags try.c \$libs >/dev/null 2>&1 && \$run ./try; then

echo 'You have to use setpgrp(pid,pgrp) instead of setpgrp().' >&4

```

val="$define"
elif $cc -o try $ccflags $ldflags try.c $libs >/dev/null 2>&1 && $run ./try; then
echo 'You have to use setpgrp() instead of setpgrp(pid,pgrp).' >&4
val="$undef"
else
echo "(I can't seem to compile and run the test program.)"
if ./usg; then
xxx="a USG one, i.e. you use setpgrp()."
else
# SVR4 systems can appear rather BSD-ish.
case "$i_unistd" in
$undef)
xxx="a BSD one, i.e. you use setpgrp(pid,pgrp)."
val="$define"
;;
$define)
xxx="probably a USG one, i.e. you use setpgrp()."
val="$undef"
;;
esac
fi
echo "Assuming your setpgrp is $xxx" >&4
fi
;;
*) val="$undef";;
esac
set d_bsdsetpgrp
eval $setvar
$rm_try
@end

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setpgrp.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: instubperl.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

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?RCS:

?MAKE:installusrbinperl: installbin cat bin Myread Setvar test Devel

?MAKE: -pick add \$@ %<

```
?LINT:set installusrbinperl
?Y:TOP
?S:installusrbinperl:
?S: This variable tells whether Perl should be installed also as
?S: /usr/bin/perl in addition to
?S: $installbin/perl
?S:.
?C:INSTALL_USR_BIN_PERL:
?C: This symbol, if defined, indicates that Perl is to be installed
?C: also as /usr/bin/perl.
?C:.
?H:#$installusrbinperl INSTALL_USR_BIN_PERL /**/
?H:.
: determine whether to install perl also as /usr/bin/perl
```

```
echo " "
if $test -d /usr/bin -a "X$installbin" != X/usr/bin; then
  $cat <<EOM
Many scripts expect perl to be installed as /usr/bin/perl.
```

If you want to, I can install the perl you are about to compile as /usr/bin/perl (in addition to \$bin/perl).

```
EOM
if test -f /usr/bin/perl; then
  $cat <<EOM
```

However, please note that because you already have a /usr/bin/perl, overwriting that with a new Perl would very probably cause problems. Therefore I'm assuming you don't want to do that (unless you insist).

```
EOM
  case "$installusrbinperl" in
    "$define"|[yY]*) dflt='y';;
    *) dflt='n';;
  esac
else
  $cat <<EOM
```

Since you don't have a /usr/bin/perl I'm assuming creating one is okay.

```
EOM
  case "$installusrbinperl" in
    "$undef"|[nN]*) dflt='n';;
    *) dflt='y';;
  esac
fi
rp="Do you want to install perl as /usr/bin/perl?"
. ./myread
```

```
case "$ans" in
[yY]*) val="$define";;
*) val="$undef" ;;
esac
else
val="$undef"
fi
set installusrbinperl
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/instubperl.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getspnam\_r.U,v 0RCS:

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_getspnam\_r getsppnam\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_shadow extern\_C

?MAKE: -pick add \$@ %<

?S:d\_getspnam\_r:

?S: This variable conditionally defines the HAS\_GETSPNAM\_R symbol,

?S: which indicates to the C program that the getsppnam\_r()

?S: routine is available.

?S:.

?S:getsppnam\_r\_proto:

?S: This variable encodes the prototype of getsppnam\_r.

?S: It is zero if d\_getspnam\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getspnam\_r

?S: is defined.

?S:.

?C:HAS\_GETSPNAM\_R:

?C: This symbol, if defined, indicates that the getsppnam\_r routine

?C: is available to getsppnam re-entrantly.

?C:.

?C:GETSPNAM\_R\_PROTO:

?C: This symbol encodes the prototype of getsppnam\_r.

?C: It is zero if d\_getspnam\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getspnam\_r

?C: is defined.

?C:.

?H:#\$d\_getspnam\_r HAS\_GETSPNAM\_R /\*\*/

```

?H:#define GETSPNAM_R_PROTO $getspnam_r_proto /**/
?H:.
?T:try hdrs d_getspnam_r_proto
: see if getspnam_r exists
set getspnam_r d_getspnam_r
eval $inlibc
case "$d_getspnam_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_shadow shadow.h"
case "$d_getspnam_r_proto:$usetthreads" in
":define") d_getspnam_r_proto=define
set d_getspnam_r_proto getspnam_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getspnam_r_proto" in
define)
case "$getspnam_r_proto" in
"|0) try='int getspnam_r(const char*, struct spwd*, char*, size_t, struct spwd**);'
./protochk "$extern_C $try" $hdrs && getspnam_r_proto=I_CSBWR ;;
esac
case "$getspnam_r_proto" in
"|0) try='struct spwd* getspnam_r(const char*, struct spwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getspnam_r_proto=S_CSBI ;;
esac
case "$getspnam_r_proto" in
"|0) d_getspnam_r=undef
getspnam_r_proto=0
echo "Disabling getspnam_r, cannot determine prototype." >&4 ;;
*) case "$getspnam_r_proto" in
REENTRANT_PROTO*) ;;
*) getspnam_r_proto="REENTRANT_PROTO_$getspnam_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "getspnam_r has no prototype, not using it." >&4 ;;
esac
d_getspnam_r=undef
getspnam_r_proto=0
;;
esac
;;
*) getspnam_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_getspnam\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: voidflags.U,v 3.0.1.2 1997/02/28 16:27:58 ram Exp \$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: voidflags.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:27:58 ram

?RCS: patch61: don't prompt them if the void support is high enough for us

?RCS:

?RCS: Revision 3.0.1.1 1995/01/11 15:37:44 ram

?RCS: patch45: cosmetic change to avoid spurious blank lines when using -s

?RCS:

?RCS: Revision 3.0 1993/08/18 12:10:01 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:voidflags defvoidused: cat rm\_try contains +cc +ccflags package \  
Oldconfig Myread i\_stdlib

?MAKE: -pick add \$@ %<

?S:voidflags:

?S: This variable contains the eventual value of the VOIDFLAGS symbol,

?S: which indicates how much support of the void type is given by this

?S: compiler. See VOIDFLAGS for more info.

?S:.

?S:defvoidused:

?S: This variable contains the default value of the VOIDUSED symbol (15).

?S:.

?X: Exceptionally, we have to explicitly alias the symbol name for

?X: config\_h.SH, otherwise the comment would not appear.

?C:VOIDFLAGS ~ %<:

?C: This symbol indicates how much support of the void type is given by this

?C: compiler. What various bits mean:

?C:

?C: 1 = supports declaration of void

?C: 2 = supports arrays of pointers to functions returning void

?C: 4 = supports comparisons between pointers to void functions and

?C: addresses of void functions

?C: 8 = supports declaration of generic void pointers

?C:



?C: The package designer should define VOIDUSED to indicate the requirements  
?C: of the package. This can be done either by #defining VOIDUSED before  
?C: including config.h, or by defining defvoidused in Myinit.U. If the  
?C: latter approach is taken, only those flags will be tested. If the  
?C: level of void support necessary is not present, defines void to int.  
?C:.

```
?H:%<:#ifndef VOIDUSED
```

```
?H:%<:#define VOIDUSED $defvoidused
```

```
?H:%<:#endif
```

```
?H:%<:#define VOIDFLAGS $voidflags
```

```
?H:%<:#if (VOIDFLAGS & VOIDUSED) != VOIDUSED
```

```
?H:%<:#define void int /* is void to be avoided? */
```

```
?H:%<:#define M_VOID /* Xenix strikes again */
```

```
?H:%<:#endif
```

```
?H:.
```

```
?INIT:: full support for void wanted by default
```

```
?INIT: defvoidused=15
```

```
?INIT:
```

```
?LINT: known void M_VOID VOIDUSED
```

```
: check for void type
```

```
echo " "
```

```
echo "Checking to see how well your C compiler groks the void type..." >&4
```

```
case "$voidflags" in
```

```
"
```

```
  $cat >try.c <<EOCP
```

```
  #$_stdlib _STDLIB
```

```
  #ifdef _STDLIB
```

```
  #include <stdlib.h>
```

```
  #endif
```

```
  #if TRY & 1
```

```
  void sub() {
```

```
  #else
```

```
  sub() {
```

```
  #endif
```

```
  extern void moo(); /* function returning void */
```

```
  void (*goo)(); /* ptr to func returning void */
```

```
  #if TRY & 8
```

```
  void *hue; /* generic ptr */
```

```
  #endif
```

```
  #if TRY & 2
```

```
  void (*foo[10])();
```

```
  #endif
```

```
  #if TRY & 4
```

```
  if(goo == moo) {
```

```
    exit(0);
```

```
  }
```

```
  #endif
```

```

exit(0);
}
int main() { sub(); }
EOCP
?X: This unit used to use cc -S in those tests to try to speed up things, but
?X: unfortunately, AIX 3.2 does not support this option.
if $cc $ccflags -c -DTRY=$defvoidused try.c >.out 2>&1 ; then
    voidflags=$defvoidused
echo "Good. It appears to support void to the level $package wants.">&4
if $contains warning .out >/dev/null 2>&1; then
    echo "However, you might get some warnings that look like this:"
    $cat .out
fi
else
echo "Hmm, your compiler has some difficulty with void. Checking further..." >&4
if $cc $ccflags -c -DTRY=1 try.c >/dev/null 2>&1; then
    echo "It supports 1..."
if $cc $ccflags -c -DTRY=3 try.c >/dev/null 2>&1; then
    echo "It also supports 2..."
if $cc $ccflags -c -DTRY=7 try.c >/dev/null 2>&1; then
    voidflags=7
    echo "And it supports 4 but not 8 definitely."
else
    echo "It doesn't support 4..."
if $cc $ccflags -c -DTRY=11 try.c >/dev/null 2>&1; then
    voidflags=11
    echo "But it supports 8."
else
    voidflags=3
    echo "Neither does it support 8."
fi
fi
else
echo "It does not support 2..."
if $cc $ccflags -c -DTRY=13 try.c >/dev/null 2>&1; then
    voidflags=13
    echo "But it supports 4 and 8."
else
if $cc $ccflags -c -DTRY=5 try.c >/dev/null 2>&1; then
    voidflags=5
    echo "And it supports 4 but has not heard about 8."
else
    echo "However it supports 8 but not 4."
fi
fi
fi
else
echo "There is no support at all for void."

```

```

voidflags=0
fi
fi
esac
?X: Only prompt user if support does not match the level we want
case "$voidflags" in
"$defvoidused") ;;
*) $cat >&4 <<'EOM'
Support flag bits are:
  1: basic void declarations.
  2: arrays of pointers to functions returning void.
  4: operations between pointers to and addresses of void functions.
  8: generic void pointers.
EOM
dflt="$voidflags";
rp="Your void support flags add up to what?"
./myread
voidflags="$ans"
;;
esac
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/voidflags.U
```

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_sbrkproto: Hasproto i\_unistd

?MAKE: -pick add \$@ %<

?S:d\_sbrkproto:

?S: This variable conditionally defines the HAS\_SBRK\_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the sbrk() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS\_SBRK\_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the sbrk() function. Otherwise, it is up

?C: to the program to supply one. Good guesses are

?C: extern void\* sbrk(int);

?C: extern void\* sbrk(size\_t);

?C:.

?H:#\$d\_sbrkproto HAS\_SBRK\_PROTO /\*\*/

?H:.

?LINT:set d\_sbrkproto

: see if prototype for sbrk is available

echo " "

set d\_sbrkproto sbrk \$i\_unistd unistd.h

eval \$hasproto

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_sbrkproto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_castneg.U,v 3.0.1.2 1995/05/12 12:11:21 ram Exp \$

?RCS:

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?RCS:

?RCS: \$Log: d\_castneg.U,v \$

?RCS: Revision 3.0.1.2 1995/05/12 12:11:21 ram

?RCS: patch54: made sure cc and cflags are conditional dependencies

?RCS: patch54: added improved test case for Interactive Unix

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:10:50 ram

?RCS: patch36: don't forget to tell user about compilation failures (ADO)

?RCS: patch36: declare signal handler correctly using 'signal\_t' (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:47 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: Can the compiler cast negative / odd floats to unsigned values.

?X:

?MAKE:d\_castneg castflags: cat Compile rm\_try Setvar signal\_t run i\_stdlib

?MAKE: -pick add \$@ %<

?S:d\_castneg:

?S: This variable conditionally defines CASTNEG, which indicates

?S: whether the C compiler can cast negative float to unsigned.

?S:.

```

?S:castflags:
?S: This variable contains a flag that precise difficulties the
?S: compiler has casting odd floating values to unsigned long:
?S: 0 = ok
?S: 1 = couldn't cast < 0
?S: 2 = couldn't cast >= 0x80000000
?S: 4 = couldn't cast in argument expression list
?S:.
?C:CASTNEGFloat:
?C: This symbol is defined if the C compiler can cast negative
?C: numbers to unsigned longs, ints and shorts.
?C:.
?C:CASTFLAGS:
?C: This symbol contains flags that say what difficulties the compiler
?C: has casting odd floating values to unsigned long:
?C: 0 = ok
?C: 1 = couldn't cast < 0
?C: 2 = couldn't cast >= 0x80000000
?C: 4 = couldn't cast in argument expression list
?C:.
?H:#$d_castneg CASTNEGFloat /**/
?H:#define CASTFLAGS $castflags /**/
?H:.
?F:!try
?LINT:set d_castneg
: check for ability to cast negative floats to unsigned
echo " "
echo 'Checking whether your C compiler can cast negative float to unsigned.' >&4
$cat >try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <sys/types.h>
#include <signal.h>
$signal_t blech(int s) { exit(7); }
$signal_t blech_in_list(int s) { exit(4); }
unsigned long dummy_long(unsigned long p) { return p; }
unsigned int dummy_int(unsigned int p) { return p; }
unsigned short dummy_short(unsigned short p) { return p; }
int main()
{
double f;
unsigned long along;
unsigned int aint;
unsigned short ashort;
int result = 0;

```

```

char str[16];

/* Frustrate gcc-2.7.2's optimizer which failed this test with
   a direct f = -123. assignment. gcc-2.8.0 reportedly
   optimized the whole file away
*/
/* Store the number in a writable string for gcc to pass to
   sscanf under HP-UX.
*/
sprintf(str, "-123");
sscanf(str, "%lf", &f); /* f = -123.; */

signal(SIGFPE, blech);
along = (unsigned long)f;
aint = (unsigned int)f;
ashort = (unsigned short)f;
if (along != (unsigned long)-123)
    result |= 1;
if (aint != (unsigned int)-123)
    result |= 1;
if (ashort != (unsigned short)-123)
    result |= 1;
sprintf(str, "1073741824.");
sscanf(str, "%lf", &f); /* f = (double)0x40000000; */
f = f + f;
along = 0;
along = (unsigned long)f;
if (along != 0x80000000)
    result |= 2;
f -= 1.;
along = 0;
along = (unsigned long)f;
if (along != 0x7fffffff)
    result |= 1;
f += 2.;
along = 0;
along = (unsigned long)f;
if (along != 0x80000001)
    result |= 2;
if (result)
    exit(result);
?X:
?X: The following is a test for Interactive Unix Version 4.1, which
?X: has an 'improved' compiler which can correctly cast negative
?X: floats in expression lists, but apparently not in argument lists.
?X: Contributed by Winfried Koenig <win@incom.rhein-main.de>
?X:
signal(SIGFPE, blech_in_list);

```

```

sprintf(str, "123.");
sscanf(str, "%lf", &f); /* f = 123.; */
along = dummy_long((unsigned long)f);
aint = dummy_int((unsigned int)f);
ashort = dummy_short((unsigned short)f);
if (along != (unsigned long)123)
    result |= 4;
if (aint != (unsigned int)123)
    result |= 4;
if (ashort != (unsigned short)123)
    result |= 4;
exit(result);

}
EOCP
set try
if eval $compile_ok; then
    $run ./try 2>/dev/null
    castflags=$?
else
    echo "(I can't seem to compile the test program--assuming it can't)"
    castflags=7
fi
case "$castflags" in
0) val="$define"
    echo "Yup, it can."
    ;;
*) val="$undef"
    echo "Nope, it can't."
    ;;
esac
set d_castneg
eval $setvar
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_castneg.U
```

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?RCS:

?MAKE:d\_wcrtomb: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_wcrtomb:  
?S: This variable conditionally defines the HAS\_WCRTOMB symbol if the  
?S: wcrtomb() routine is available to be used to convert a wide character  
?S: into a multi-byte character.  
?S:.  
?C:HAS\_WCRTOMB:  
?C: This symbol, if defined, indicates that the wcrtomb routine is  
?C: available to convert a wide character into a multi-byte character.  
?C:.  
?H:#\$d\_wcrtomb HAS\_WCRTOMB /\*\*/  
?H:.  
?LINT: set d\_wcrtomb  
: see if wcrtomb exists  
set wcrtomb d\_wcrtomb  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_wcrtomb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_sigblock.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_sigblock.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:21 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_sigblock: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_sigblock:  
?S: This variable conditionally defines HAS\_SIGBLOCK if sigblock() is  
?S: available to block signal reception.  
?S:.  
?C:HAS\_SIGBLOCK:  
?C: This symbol, if defined, indicates that the sigblock routine is  
?C: available to block signal reception.  
?C:.  
?H:#\$d\_sigblock HAS\_SIGBLOCK /\*\*/



```
?H:
?LINT:set d_sigblock
: see if sigblock exists
set sigblock d_sigblock
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sigblock.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: sysman.U,v 3.0.1.2 1994/06/20 07:08:43 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
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```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: sysman.U,v $
```

```
?RCS: Revision 3.0.1.2 1994/06/20 07:08:43 ram
```

```
?RCS: patch30: now explicitly states that /usr/man/man1 is the default
```

```
?RCS: patch30: added /usr/local/man/man1 to the search list
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1993/09/13 16:13:50 ram
```

```
?RCS: patch10: added support for /local/man/man1 (WAD)
```

```
?RCS: patch10: added temporary syspath variable to cut down on line length
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:09:55 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:sysman: test Loc Oldconfig
```

```
?MAKE: -pick add $@ %<
```

```
?S:sysman:
```

```
?S: This variable holds the place where the manual is located on this
```

```
?S: system. It is not the place where the user wants to put his manual
```

```
?S: pages. Rather it is the place where Configure may look to find manual
```

```
?S: for unix commands (section 1 of the manual usually). See mansrc.
```

```
?S:.
```

```
?T:syspath
```

```
: determine where manual pages are on this system
```

```
echo " "
```

```
case "$sysman" in
```

```
")
```

```
syspath="/usr/share/man/man1 /usr/man/man1"
```

```
syspath="$syspath /usr/man/mann /usr/man/man1 /usr/man/local/man1"
```

```

syspath="$syspath /usr/man/u_man/man1"
syspath="$syspath /usr/catman/u_man/man1 /usr/man/l_man/man1"
syspath="$syspath /usr/local/man/u_man/man1 /usr/local/man/l_man/man1"
syspath="$syspath /usr/man/man.L /local/man/man1 /usr/local/man/man1"
sysman=`./loc . /usr/man/man1 $syspath`
;;
esac
if $test -d "$sysman"; then
    echo "System manual is in $sysman." >&4
else
    echo "Could not find manual pages in source form." >&4
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/sysman.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_fcntl.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: i_fcntl.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:18 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:i_fcntl: h_fcntl h_sysfile +i_sysfile Inhdr Setvar
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_fcntl:
```

```
?S: This variable controls the value of I_FCNTL (which tells
```

```
?S: the C program to include <fcntl.h>).
```

```
?S:.
```

```
?C:I_FCNTL (HDR_O_STUFF FCNTL):
```

```
?C: This manifest constant tells the C program to include <fcntl.h>.
```

```
?C:.
```

```
?H:#$i_fcntl I_FCNTL /**/
```

```
?H:.
```

```
?T:val
```

```
?X: Make line lists +i_sysfile to ensure tests for <sys/file.h> will be
```

```
?X: conducted prior tests for <fcntl.h>, hence making sure the h_sysfile
```

```
?X: variable is correctly set when we reach that unit.
```

```
?LINT:set i_fcntl
```

```

?LINT:use i_sysfile
?LINT:change h_fcntl
: see if fcntl.h is there
val=""
set fcntl.h val
eval $inhdr

: see if we can include fcntl.h
case "$val" in
"$define")
echo " "
if $h_fcntl; then
val="$define"
echo "We'll be including <fcntl.h>." >&4
else
val="$undef"
if $h_sysfile; then
echo "We don't need to include <fcntl.h> if we include <sys/file.h>." >&4
else
echo "We won't be including <fcntl.h>." >&4
fi
fi
;;
*)
h_fcntl=false
val="$undef"
;;
esac
set i_fcntl
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_fcntl.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_sysioctl.U 1 2006-08-24 12:32:52Z rmanfredi $
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysioctl.U,v $
?RCS: Revision 3.0.1.2 1994/05/06 15:04:57 ram

```

?RCS: patch23: added knowledge for <sys/filio.h> (WED)  
?RCS: patch23: optimized amount of findhdr calls  
?RCS:  
?RCS: Revision 3.0.1.1 1993/11/10 17:36:09 ram  
?RCS: patch14: now use a compiler check for TIOCNOTTY because of HP-UX 9.x  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:08:32 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:i\_sysioctl i\_bsdiocli i\_sysfilio i\_syssockio d\_voidtty: test contains \  
cat i\_termio i\_termios i\_sgtty Setvar Findhdr +cc rm Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_sysioctl:  
?S: This variable conditionally defines the I\_SYS\_IOCTL symbol, which  
?S: indicates to the C program that <sys/ioctl.h> exists and should  
?S: be included.  
?S:.  
?S:i\_sysfilio:  
?S: This variable conditionally defines the I\_SYS\_FILIO symbol, which  
?S: indicates to the C program that <sys/filio.h> exists and should  
?S: be included in preference to <sys/ioctl.h>.  
?S:.  
?S:i\_bsdiocli:  
?S: This variable conditionally defines the I\_SYS\_BSDIOCTL symbol, which  
?S: indicates to the C program that <sys/bsdiocli.h> exists and should  
?S: be included.  
?S:.  
?S:i\_syssockio:  
?S: This variable conditionally defines I\_SYS\_SOCKIO to indicate to the  
?S: C program that socket ioctl codes may be found in <sys/sockio.h>  
?S: instead of <sys/ioctl.h>.  
?S:.  
?S:d\_voidtty:  
?S: This variable conditionally defines USE\_IOCTLTY to indicate that the  
?S: ioctl() call with TIOCNOTTY should be used to void tty association.  
?S: Otherwise (on USG probably), it is enough to close the standard file  
?S: descriptors and do a setpgrp().  
?S:.  
?C:I\_SYS\_IOCTL (I\_SYS\_IOCTL):  
?C: This symbol, if defined, indicates that <sys/ioctl.h> exists and should  
?C: be included. Otherwise, include <sgtty.h> or <termio.h>.  
?C:.  
?C:I\_SYS\_FILIO:  
?C: This symbol, if defined, indicates that <sys/filio.h> exists and  
?C: should be included instead of <sys/ioctl.h>.  
?C:.  
?C:I\_SYS\_BSDIOCTL (I\_BSDIOCTL):  
?C: This symbol, if defined, indicates that <sys/bsdiocli.h> exists and should

?C: be included. Otherwise, try <sys/ioctl.h>. This is primarily intended for

?C: definitions of sockets options, like SIOCATMARK.

?C:.

?C:I\_SYS\_SOCKIO (I\_SYSSOCKIO):

?C: This symbol, if defined, indicates the <sys/sockio.h> should be included

?C: to get socket ioctl options, like SIOCATMARK.

?C:.

?C:USE\_TIOCNOTTY (VOIDTTY):

?C: This symbol, if defined indicate to the C program that the ioctl()

?C: call with TIOCNOTTY should be used to void tty association.

?C: Otherwise (on USG probably), it is enough to close the standard file

?C: descriptors and do a setpgrp().

?C:.

?H:#\$i\_sysioctl I\_SYS\_IOCTL /\*\*/

?H:#\$i\_sysfilio I\_SYS\_FILIO /\*\*/

?H:#\$i\_bsdiocntl I\_SYS\_BSDIOCTL /\*\*/

?H:#\$i\_syssockio I\_SYS\_SOCKIO /\*\*/

?H:#\$d\_voidtty USE\_TIOCNOTTY /\*\*/

?H:.

?T:xxx

: see if ioctl defs are in sgty, termio, sys/filio or sys/ioctl

?LINT:set i\_sysfilio

set sys/filio.h i\_sysfilio

eval \$inhdr

echo " "

if \$test `./findhdr sys/ioctl.h`; then

val="\$define"

echo '<sys/ioctl.h> found.' >&4

else

val="\$undef"

if \$test \$i\_sysfilio = "\$define"; then

echo '<sys/ioctl.h> NOT found.' >&4

else

\$test \$i\_sgty = "\$define" && xxx="sgty.h"

\$test \$i\_termio = "\$define" && xxx="termio.h"

\$test \$i\_termios = "\$define" && xxx="termios.h"

echo "No <sys/ioctl.h> found, assuming ioctl args are defined in <\$xxx>." >&4

fi

fi

?LINT:set i\_sysioctl

set i\_sysioctl

eval \$setvar

@if I\_BSDIOCTL || i\_bsdiocntl

?X:

?X: The only machine I know where this inclusion was necessary is a

?X: BULL DPX 5000 (a French machine).

?X:

```

: see if socket ioctl defs are in sys/bsdioc1 or sys/ioct1
echo " "
xxx=`./findhdr sys/bsdioc1.h`
if $test "$xxx"; then
if $contains SIOCATMARK $xxx >/dev/null 2>&1; then
val="$define"
echo "You have socket ioctls defined in <sys/bsdioc1.h>." >&4
else
val="$undef"
echo "No socket ioctls found in <sys/bsdioc1.h>." >&4
fi
else
val="$undef"
echo "<sys/bsdioc1.h> not found, but that's ok." >&4
fi
?LINT:set i_bsdioc1
set i_bsdioc1
eval $setvar

@end
@if I_SYSSOCKIO || i_syssockio
: see if socket ioctl defs are in sys/sockio.h
echo " "
xxx=`./findhdr sys/sockio.h`
if $test "$xxx"; then
if $contains SIOCATMARK $xxx >/dev/null 2>&1; then
val="$define"
echo "You have socket ioctls defined in <sys/sockio.h>." >&4
else
val="$undef"
echo "No socket ioctls found in <sys/sockio.h>." >&4
fi
else
val="$undef"
@if I_BSDIOCTL
case "$i_bsdioc1" in
"$define") $cat <<EOM
<sys/sockio.h> not found, using ioctls from <sys/bsdioc1.h>.
EOM
;;
*) $cat <<EOM
<sys/sockio.h> not found, assuming socket ioctls are in <sys/ioct1.h>.
EOM
;;
esac
@else
$cat <<EOM
<sys/sockio.h> not found, assuming socket ioctls are in <sys/ioct1.h>.

```

```

EOM
@end
fi
?LINT:set i_syssockio
set i_syssockio
eval $setvar

@end
@if VOIDTTY || d_voidtty
: check how to void tty association
echo " "
case "$i_sysioctl" in
"$define") xxx='sys/ioctl.h';
?X: otherwise $xxx was set during the determination of i_sysioctl, above.
esac
?X:
?X: Can't use $contains here since HP-UX 9.x has TIOCNOTTY between a pair
?X: of #ifdef/#endif and is never actually defined. Oh well...
?X:
$cat > tcio.c <<EOM
#include <sys/types.h> /* Just in case */
#include <$xxx>

int main()
{
#ifdef TIOCNOTTY
exit(0);
#else
exit(1);
#endif
}
EOM
if ($cc -o tcio tcio.c && ./tcio) >/dev/null 2>&1; then
val="$define"
echo "TIOCNOTTY found in <$xxx>." >&4
echo "Using ioctl() call on /dev/tty to void tty association." >&4
else
val="$undef"
echo "Closing standard file descriptors should void tty association." >&4
fi
?LINT:set d_voidtty
set d_voidtty
eval $setvar
$rm -f tcio tcio.? core

@end

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_sysioct1.U

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?RCS: \$Id\$

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_portable.U,v \$

?RCS: Revision 3.0.1.2 1995/01/11 15:28:52 ram

?RCS: patch45: executable path stripping moved to the end in Config\_sh.U

?RCS:

?RCS: Revision 3.0.1.1 1993/12/15 08:21:17 ram

?RCS: patch15: did not strip variables properly when needed

?RCS: patch15: now also strips down variables from trylist

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:48 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: The Loc unit is wanted to get the definition of all the locating variables.

?X:

?MAKE:d\_portable: cat Loc Myread Oldconfig

?MAKE: -pick add \$@ %<

?S:d\_portable:

?S: This variable conditionally defines the PORTABLE symbol, which

?S: indicates to the C program that it should not assume that it is

?S: running on the machine it was compiled on.

?S:.

?C:PORTABLE:

?C: This symbol, if defined, indicates to the C program that it should

?C: not assume that it is running on the machine it was compiled on.

?C: The program should be prepared to look up the host name, translate

?C: generic filenames, use PATH, etc.

?C:.

?H:#\$d\_portable PORTABLE /\*\*/

?H:.

?D:d\_portable="

: decide how portable to be

case "\$d\_portable" in

"\$define") dflt=y;;

\*) dflt=n;;



```
esac
$cat <<'EOH'
```

I can set things up so that your shell scripts and binaries are more portable, at what may be a noticable cost in performance. In particular, if you ask to be portable, the following happens:

- 1) Shell scripts will rely on the PATH variable rather than using the paths derived above.
  - 2) ~username interpretations will be done at run time rather than by Configure.
- ```
@if PHOSTNAME
```
- 3) The system name will be determined at run time, if at all possible.
- ```
@end
```

```
EOH
rp="Do you expect to run these scripts and binaries on multiple machines?"
. ./myread
case "$ans" in
y*) d_portable="$define"
?X:
?X: Paths will be stripped down (/usr/bin/vi -> vi) in Config_sh.U if needed.
?X:
;;
*) d_portable="$undef" ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_portable.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_byacc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_byacc.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:31:14 ram
?RCS: patch61: created
?RCS:
?MAKE:d_byacc: byacc Setvar
```

```
?MAKE: -pick add $@ %<
?S:d_byacc:
?S: This variable indicates whether byacc is available.
?S: If the user has specified 'portability', then Makefile.SH
?S: sees $byacc='byacc' whether or not the user actually has
?S: byacc. This variable allows us to determine in a makefile
?S: if we really have byacc.
?S:.
?LINT:set d_byacc
: Check if we really have byacc
case "$byacc" in
|"byacc") val="$undef" ;;
*) val="$define" ;;
esac
set d_byacc
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_byacc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Extractall.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Extractall.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:00:43 ram
?RCS: patch61: created
?RCS:
?X:
?X: If extraction has been requested, load the configuration file, perform
?X: the extraction and exit.
?X:
?X: This unit was originally a part of Options.U. It had to be removed from
?X: it to prevent a dependency cycle: Extract -> src -> Options -> Extract
?X: The Begin.U unit now requires us before beginning to do anything
?X: interesting, to ensure proper semantics. -- RAM, 15/03/96
?X:
?MAKE:Extractall: Extract Options
?MAKE: -pick wipe $@ %<
: extract files and exit if asked to do so
```

```

case "$extractsh" in
true)
?X: Undo the forced silent=true when -S was supplied, by probing realsilent
?X: which was set iff -s was also given. See Options.U for details.
case "$realsilent" in
true) ;;
*) exec 1>&4;;
esac
case "$config_sh" in
") config_sh='config.sh';;
esac
echo " "
echo "Fetching answers from $config_sh..."
cd ..
. $config_sh
?X: extract has to be run from the top directory, not within UU.
. UU/optdef.sh
echo " "
?X: extract has to be run from the top directory, not within UU.
. UU/extract
rm -rf UU
echo "Extraction done."
exit 0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Extractall.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Unix.U,v 3.0.1.1 1997/02/28 15:20:06 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Unix.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:20:06 ram
?RCS: patch61: created
?RCS:
?X:
?X: The purpose of this unit is to define things that are common across all
?X: known UNIX platforms. If Configure is ported/used on a non-UNIX

```

?X: environment, then some of the following variables can be redefined in hint

?X: files.

?X:

?MAKE:Unix \_exe \_a \_o exe\_ext lib\_ext obj\_ext path\_sep \  
firstmakefile archobjs rm\_try: Oldconfig rm

?MAKE: -pick add \$@ %<

?S:\_exe:

?S: This variable defines the extension used for executable files.

?S: DJGPP, Cygwin and OS/2 use '.exe'. Stratus VOS uses '.pm'.

?S: On operating systems which do not require a specific extension

?S: for executable files, this variable is empty.

?S:.

?S:\_a:

?S: This variable defines the extension used for ordinary library files.

?S: For unix, it is '.a'. The '.' is included. Other possible

?S: values include '.lib'.

?S:.

?S:\_o:

?S: This variable defines the extension used for object files.

?S: For unix, it is '.o'. The '.' is included. Other possible

?S: values include '.obj'.

?S:.

?S:firstmakefile:

?S: This variable defines the first file searched by make. On unix,

?S: it is makefile (then Makefile). On case-insensitive systems,

?S: it might be something else. This is only used to deal with

?S: convoluted make depend tricks.

?S:.

?S:archobjs:

?S: This variable defines any additional objects that must be linked

?S: in with the program on this architecture. On unix, it is usually

?S: empty. It is typically used to include emulations of unix calls

?S: or other facilities. For perl on OS/2, for example, this would

?S: include os2/os2.obj.

?S:.

?X: Metaconfig's Obsolete symbol stuff is too over-eager. In the

?X: perl sources, it picks up things like "P" and "FLOCK" that are

?X: not used in the way Metaconfig thinks they are. Thus I can't

?X: just declare these obsolete and then run metaconfig -o.

?X: Instead, I'll just handle them here.

?X: Sadly, history has conspired to give us a web of definitions;

?X: this could have been much simpler.

?S:lib\_ext:

?S: This is an old synonym for \_a.

?S:.

?S:exe\_ext:

?S: This is an old synonym for \_exe.

?S:.

?S:obj\_ext:  
?S: This is an old synonym for \_o.  
?S:.  
?S:path\_sep:  
?S: This is an old synonym for p\_ in Head.U, the character  
?S: used to separate elements in the command shell search PATH.  
?S:.  
?S:rm\_try:  
?S: This is a cleanup variable for try test programs.  
?S: Internal Configure use only.  
?S:.  
?LINT: change p\_  
?INIT:: Trailing extension. Override this in a hint file, if needed.  
?INIT:: Extra object files, if any, needed on this platform.  
?INIT:archobjs="  
: Define several unixisms.  
: Hints files or command line option can be used to override them.  
: The convoluted testing is in case hints files set either the old  
: or the new name.  
case "\$\_exe" in  
") case "\$exe\_ext" in  
") ;;  
\*) \_exe="\$exe\_ext" ;;  
esac  
;;  
esac  
case "\$\_a" in  
") case "\$lib\_ext" in  
") \_a='.a';;  
\*) \_a="\$lib\_ext" ;;  
esac  
;;  
esac  
case "\$\_o" in  
") case "\$obj\_ext" in  
") \_o='.o';;  
\*) \_o="\$obj\_ext";;  
esac  
;;  
esac  
case "\$p\_" in  
") case "\$path\_sep" in  
") p\_=':'.  
\*) p\_="\$path\_sep";;  
esac  
;;  
esac  
exe\_ext=\$\_exe

```
lib_ext=$_a
obj_ext=$_o
path_sep=$p_
```

```
rm_try="$rm -f try try$_exe a.out .out try.[cho] try.$_o core core.try* try.core*"
```

```
@if firstmakefile
: Which makefile gets called first. This is used by make depend.
case "$firstmakefile" in
") firstmakefile='makefile';;
esac

@end
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Unix.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_string.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_string.U,v $
?RCS: Revision 3.0.1.2 1993/10/16 13:50:12 ram
?RCS: patch12: special units Loc and Guess were missing from dependencies
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:07:26 ram
?RCS: patch10: removed "(Actually, this looks more like...)" messages (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:28 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: See if we should include <string.h> or <strings.h>
?X:
?MAKE:i_string strings: test Setvar Findhdr Warn
?MAKE: -pick add $@ %<
?S:i_string:
?S: This variable conditionally defines the I_STRING symbol, which
?S: indicates that <string.h> should be included rather than <strings.h>.
?S:.
```

?S:strings:

?S: This variable holds the full path of the string header that will be

?S: used. Typically /usr/include/string.h or /usr/include/strings.h.

?S:.

?C:I\_STRING:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <string.h> (USG systems) instead of <strings.h> (BSD systems).

?C:.

?H:#\$i\_string I\_STRING /\*\*/

?H:.

?LINT:set i\_string

: see which of string.h or strings.h is needed

echo " "

strings=`./findhdr string.h`

if \$test "\$strings" && \$test -r "\$strings"; then

echo "Using <string.h> instead of <strings.h>." >&4

val="\$define"

else

val="\$undef"

strings=`./findhdr strings.h`

if \$test "\$strings" && \$test -r "\$strings"; then

echo "Using <strings.h> instead of <string.h>." >&4

else

./warn "No string header found -- You'll surely have problems."

fi

fi

set i\_string

eval \$setvar

case "\$i\_string" in

"\$undef") strings=`./findhdr strings.h`;;

\*) strings=`./findhdr string.h`;;

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_string.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_rmdir.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_rmdir.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:56 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_rmdir: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_rmdir:  
?S: This variable conditionally defines HAS\_RMDIR if rmdir() is  
?S: available to remove directories.  
?S:.  
?C:HAS\_RMDIR (RMDIR):  
?C: This symbol, if defined, indicates that the rmdir routine is  
?C: available to remove directories. Otherwise you should fork off a  
?C: new process to exec /bin/rmdir.  
?C:.  
?H:#\$d\_rmdir HAS\_RMDIR /\*\*/  
?H:.  
?LINT:set d\_rmdir  
: see if rmdir exists  
set rmdir d\_rmdir  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_rmdir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_stat.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_stat.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:28 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_stat: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_stat:  
?S: This variable conditionally defines HAS\_STAT if stat() is  
?S: available to get file status.  
?S:.  
?C:HAS\_STAT (STAT):



?C: This symbol, if defined, indicates that the stat routine is

?C: available to get file status.

?C:.

?H:#\$d\_stat HAS\_STAT /\*\*/

?H:.

?LINT:set d\_stat

: see if stat exists

set stat d\_stat

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_stat.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_time.U,v 3.0 1993/08/18 12:08:45 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: i\_time.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:45 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit finds which "time" include to use. If 'timezone' is used by the

?X: program, we also try to find which header should be included. Eventually,

?X: we look for <sys/select.h> if I\_SYSSSELECT is used, to get struct timeval.

?X:

?MAKE:i\_time i\_systime i\_systimek timeincl d\_tm\_tm\_zone d\_tm\_tm\_gmtoff: \

Compile cat \

contains rm\_try echo n c +i\_sysselect Findhdr Hasfield i\_stdlib

?MAKE: -pick add \$@ %<

?S:i\_time:

?S: This variable unconditionally defines I\_TIME, which indicates

?S: to the C program that it should include <time.h>.

?S:.

?S:i\_systime:

?S: This variable conditionally defines I\_SYS\_TIME, which indicates

?S: to the C program that it should include <sys/time.h>.

?S:.

?S:i\_systimek:

?S: This variable conditionally defines I\_SYS\_TIME\_KERNEL, which

?S: indicates to the C program that it should include <sys/time.h>  
?S: with KERNEL defined.  
?S:.  
?S:timeincl:  
?S: This variable holds the full path of the included time header(s).  
?S:.  
?S:d\_tm\_tm\_zone:  
?S: This variable conditionally defines HAS\_TM\_TM\_ZONE, which indicates  
?S: indicates to the C program that the struct tm has the tm\_zone field.  
?S:.  
?S:d\_tm\_tm\_gmtoff:  
?S: This variable conditionally defines HAS\_TM\_TM\_GMTOFF, which indicates  
?S: indicates to the C program that the struct tm has the tm\_gmtoff field.  
?S:.  
?C:I\_TIME (USE\_TIME\_H):  
?C: This symbol is always defined, and indicates to the C program that  
?C: it should include <time.h>.  
?C:.  
?C:I\_SYS\_TIME (I\_SYSTIME USE\_SYS\_TIME\_H NO\_TIME\_WITH\_SYS\_TIME):  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <sys/time.h>.  
?C:.  
?C:I\_SYS\_TIME\_KERNEL (I\_SYSTIMEKERNEL):  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <sys/time.h> with KERNEL defined.  
?C:.  
?C:HAS\_TM\_TM\_ZONE:  
?C: This symbol, if defined, indicates to the C program that  
?C: the struct tm has a tm\_zone field.  
?C:.  
?C:HAS\_TM\_TM\_GMTOFF:  
?C: This symbol, if defined, indicates to the C program that  
?C: the struct tm has a tm\_gmtoff field.  
?C:.  
?H:#\$i\_time I\_TIME /\*\*/  
?H:#\$i\_systime I\_SYS\_TIME /\*\*/  
?H:#\$i\_systimek I\_SYS\_TIME\_KERNEL /\*\*/  
?H:#\$d\_tm\_tm\_zone HAS\_TM\_TM\_ZONE /\*\*/  
?H:#\$d\_tm\_tm\_gmtoff HAS\_TM\_TM\_GMTOFF /\*\*/  
?H:.  
?W::timezone  
?T:xselect flags sysselect s\_timeval s\_timezone  
?LINT:change i\_sysselect  
?LINT:set d\_tm\_tm\_zone  
?LINT:set d\_tm\_tm\_gmtoff  
: see if we should include sys/time.h  
echo " "  
i\_time='define'

```

if test "X$timeincl" = X; then
  echo "Testing to see if we should include <sys/time.h>." >&4
  $echo $n "I'm now running the test program...$c"
  $cat >try.c <<EOCP
#include <sys/types.h>
#include <time.h>
#ifdef I_SYSTIME
#ifdef SYSTIMEKERNEL
#define KERNEL
#endif
#include <sys/time.h>
#endif
#ifdef I_SYSSSELECT
#include <sys/select.h>
#endif
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
  struct tm foo;
#ifdef S_TIMEVAL
  struct timeval bar;
#endif
#ifdef S_TIMEZONE
  struct timezone tzp;
#endif
  if (foo.tm_sec == foo.tm_sec)
    exit(0);
#ifdef S_TIMEVAL
  if (bar.tv_sec == bar.tv_sec)
    exit(0);
#endif
  exit(1);
}
EOCP
flags="
@if I_SYSSSELECT
if $contains 'timeval.*{'`./findhdr sys/select.h` >/dev/null 2>&1; then
  xselect='-DI_SYSSSELECT'
else
  xselect="
fi
@end
@if timezone
for s_timezone in '-DS_TIMEZONE' "; do
@else

```

```

s_timezone="
@end
?X: Every package is given a try with 'struct timeval'
@if I_SYSSSELECT
for sysselect in $xselect "; do
@else
sysselect="
@end
for s_timeval in '-DS_TIMEVAL' "; do
for i_systimek in " '-DSYSTIMEKERNEL'; do
for i_systime in '-DI_SYSTIME' "; do
case "$flags" in
") $echo $n ".$.c"
set try $i_systime $i_systimek $sysselect $s_timeval $s_timezone
if eval $compile; then
set X $i_systime $i_systimek $sysselect $s_timeval
shift
flags="$*"
echo " "
$echo $n "Succeeded with $flags$.c"
fi
;;
esac
done
done
done
@if I_SYSSSELECT
done
@end
@if timezone
done
@end
timeincl="
echo " "
case "$flags" in
*SYSTIMEKERNEL*) i_systimek="$define"
timeincl=`./findhdr sys/time.h`
echo "We'll include <sys/time.h> with KERNEL defined." >&4;;
*) i_systimek="$undef";;
esac
case "$flags" in
*I_SYSTIME*) i_systime="$define"
timeincl=`./findhdr sys/time.h`" $timeincl"
echo "We'll include <sys/time.h>." >&4;;
*) i_systime="$undef";;
esac
@if I_SYSSSELECT
case "$flags" in

```

```

*_SYSSELECT*) i_syssselct="$define"
timeincl=`./findhdr sys/select.h` $timeincl"
echo "We'll also include <sys/select.h> to get struct timeval." >&4;;
*) case "$i_syssselct" in
  ") i_syssselct="$undef";;
  esac
esac
@end
$rm_try
fi
: see if struct tm knows about tm_zone
case "$i_systime$i_time" in
*$define*)
  echo " "
  echo "Checking to see if your struct tm has tm_zone field..." >&4
  set d_tm_tm_zone tm tm_zone $i_systime sys/time.h $i_time time.h
  eval $hasfield
  ;;
*) val="$undef"
  set d_tm_tm_zone
  eval $setvar
  ;;
esac
case "$d_tm_tm_zone" in
"$define") echo "Yes, it does." ;;
*) echo "No, it doesn't." ;;
esac
: see if struct tm knows about tm_gmtoff
case "$i_systime$i_time" in
*$define*)
  echo " "
  echo "Checking to see if your struct tm has tm_gmtoff field..." >&4
  set d_tm_tm_gmtoff tm tm_gmtoff $i_systime sys/time.h $i_time time.h
  eval $hasfield
  ;;
*) val="$undef"
  set d_tm_tm_gmtoff
  eval $setvar
  ;;
esac
case "$d_tm_tm_gmtoff" in
"$define") echo "Yes, it does." ;;
*) echo "No, it doesn't." ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/i_time.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Prefixup.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Prefixup.U,v $
?RCS: Revision 3.0.1.1 1995/01/30 14:30:40 ram
?RCS: patch49: created
?RCS:
?X:
?X: Used as: "set dflt; eval $prefixup" to set $dflt to be $prefix/dir
?X: instead of $prefixexp/dir, in case portability was involved somehow
?X: and $prefix uses ~name expansion.
?X:
?MAKE:Prefixup: prefix prefixexp
?MAKE: -pick add $@ %<
?LINT:define prefixup
?S:prefixup:
?S: This shell variable is used internally by Configure to reset
?S: the leading installation prefix correctly when $prefix uses
?S: ~name expansion.
?S: set dflt
?S: eval $prefixup
?S: That will set $dflt to $prefix/dir if it was $prefixexp/dir and
?S: $prefix differs from $prefixexp.
?S:.
?V:prefixup
: set the prefixup variable, to restore leading tilda escape
prefixup='case "$prefixexp" in
"$prefix") ;;
*) eval "$1=\`echo \$$1 | sed \"s,^$prefixexp,$prefix,\"\"";;
esac'
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Prefixup.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_gethname.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/29 16:13:00 ram  
?RCS: patch36: call ./xenix explicitly instead of relying on PATH  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:06:11 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_gethname d\_uname d\_phostname aphostname: phostname cat \  
myhostname package d\_portable Loc echo n c +i\_whoami +usrinc \  
Myread Guess Oldconfig Csym  
?MAKE: -pick add \$@ %<  
?S:d\_gethname:  
?S: This variable conditionally defines the HAS\_GETHOSTNAME symbol, which  
?S: indicates to the C program that the gethostname() routine may be  
?S: used to derive the host name.  
?S:.  
?S:d\_uname:  
?S: This variable conditionally defines the HAS\_UNAME symbol, which  
?S: indicates to the C program that the uname() routine may be  
?S: used to derive the host name.  
?S:.  
?S:d\_phostname:  
?S: This variable conditionally defines the PHOSTNAME symbol, which  
?S: contains the shell command which, when fed to popen(), may be  
?S: used to derive the host name.  
?S:.  
?S:aphostname:  
?S: This variable contains the command which can be used to compute the  
?S: host name. The command is fully qualified by its absolute path, to make  
?S: it safe when used by a process with super-user privileges.  
?S:.  
?C:HAS\_GETHOSTNAME (GETHOSTNAME):  
?C: This symbol, if defined, indicates that the C program may use the  
?C: gethostname() routine to derive the host name. See also HAS\_UNAME  
?C: and PHOSTNAME.  
?C:.  
?C:HAS\_UNAME (UNAME):  
?C: This symbol, if defined, indicates that the C program may use the  
?C: uname() routine to derive the host name. See also HAS\_GETHOSTNAME  
?C: and PHOSTNAME.  
?C:.

?C:PHOSTNAME:

?C: This symbol, if defined, indicates that the C program may use the

?C: contents of PHOSTNAME as a command to feed to the popen() routine

?C: to derive the host name. See also HAS\_GETHOSTNAME and HAS\_UNAME.

?C: Note that the command uses a fully qualified path, so that it is safe

?C: even if used by a process with super-user privileges.

?C:.

?H:#\$d\_gethname HAS\_GETHOSTNAME /\*\*/

?H:#\$d\_uname HAS\_UNAME /\*\*/

?H:#\$d\_phostname PHOSTNAME "\$aphostname" /\* How to get the host name \*/

?H:.

?T:file val call

?LINT:change i\_whoami

: see how we will look up host name

echo " "

if false; then

: dummy stub to allow use of elif

@if HAS\_GETHOSTNAME

elif set gethostname val -f d\_gethname; eval \$csym; \$val; then

echo 'gethostname() found.' >&4

d\_gethname="\$define"

call=gethostname

@end

@if HAS\_UNAME

elif set uname val -f d\_uname; eval \$csym; \$val; then

if ./xenix; then

\$cat <<'EOM'

uname() was found, but you're running xenix, and older versions of xenix have a broken uname(). If you don't really know whether your xenix is old enough to have a broken system call, use the default answer.

EOM

dflt=y

case "\$d\_uname" in

"\$define") dflt=n;;

esac

rp='Is your uname() broken?'

. ./myread

case "\$ans" in

n\*) d\_uname="\$define"; call=uname;;

esac

else

echo 'uname() found.' >&4

d\_uname="\$define"

call=uname

fi

@end

fi



```

case "$d_gethname" in
") d_gethname="$undef";;
esac
case "$d_uname" in
") d_uname="$undef";;
esac
@if PHOSTNAME || MYHOSTNAME
case "$d_uname$d_gethname" in
*define*)
dflt=n
cat <<EOM

```

Every now and then someone has a \$call() that lies about the hostname but can't be fixed for political or economic reasons. If you wish, I can

```

@if MYHOSTNAME && PHOSTNAME
pretend $call() isn't there and maybe compile in the hostname or
compute it from the '$phostname' command at run-time.
@elsif MYHOSTNAME
pretend $call() isn't there and maybe compile in the hostname.
@elsif PHOSTNAME
pretend $call() isn't there and maybe compute hostname at run-time
thanks to the '$phostname' command.
@elsif WHOAMI
get the hostname from whomai.h (provided you have one).
@else
simply ignore your host name and use something like "noname" instead.
@end

```

```

EOM
rp="Shall I ignore $call() from now on?"
./myread
case "$ans" in
y*) d_uname="$undef" d_gethname="$undef"; $echo $n "Okay...$c";;
esac;;
esac
@end
@if PHOSTNAME || aphostname
?X: Compute the full path name for the command
case "$phostname" in
") aphostname="";;
*) case "$aphostname" in
/*) ;;
*) set X $phostname
shift
file=$1
shift
file=`./loc $file $file $pth`
aphostname=`echo $file $*`

```

```

;;
esac
;;
esac
@end
@if PHOSTNAME && MYHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
case "$phostname" in
") ;;
*)
$cat <<EOT

```

There is no gethostname() or uname() on this system. You have two possibilities at this point:

- 1) You can have your host name (\$myhostname) compiled into \$package, which lets \$package start up faster, but makes your binaries non-portable, or
- 2) you can have \$package use a

```
popen("$aphostname","r")
```

which will start slower but be more portable.

```
@ if WHOAMI
```

Option 1 will give you the option of using whoami.h if you have one.

```
@ end
```

If you want option 2 but with a different command, you can edit config.sh at the end of this shell script.

```
EOT
```

```

case "$d_phostname" in
"$define") dflt=n;;
"$undef") dflt=y;;
")
case "$d_portable" in
"$define") dflt=n ;;
*) dflt=y ;;
esac;;
esac
rp="Do you want your host name compiled in?"
./myread
case "$ans" in
n*) d_phostname="$define" ;;
*) aphostname=""; d_phostname="$undef";;
esac;;
esac

```

```

case "$phostname" in
")
@ if WHOAMI
case "$i_whoami" in
"$define")
dflt=y
$cat <<EOM

```

No hostname function--you can either use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

or you can have the name we came up with earlier (\$myhostname) hardwired in.

```

EOM
rp="Use whoami.h to get hostname?"
./myread
case "$ans" in
n*) i_whoami="$undef";;
esac
;;
"$undef")
$cat <<EOM

```

No hostname function and no whoami.h -- hardwiring "\$myhostname".

```

EOM
;;
esac;;
@ else
echo 'No hostname function -- hardwiring "$myhostname".'>&4;;
@ end
esac;;
esac
@elsif PHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
case "$phostname" in
")
@ if WHOAMI
case "$i_whoami" in
"$define")
$cat <<EOM

```

No hostname function--we'll use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

```

EOM
;;

```

```

*) echo "There will be no way for $package to get your hostname." >&4;;
esac;;
@ else
echo "There will be no way for $package to get your hostname." >&4;;
@ end
*)
echo "I'll use 'popen('"'$aphostname"', "r")' to get your hostname." >&4
;;
esac;;
esac
@elsif MYHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
@ if WHOAMI
case "$i_whoami" in
"$define")
dflt=y
$cat <<EOM

```

No hostname function--you can either use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

or you can have the name we came up with earlier (\$myhostname) hardwired in.

```

EOM
rp="Use whoami.h to get hostname?"
. ./myread
case "$ans" in
n*) i_whoami="$undef";;
esac
;;
"$undef")
echo 'No whoami.h--hardwiring "'$myhostname"'.' >&4;;
esac;;
@ else
echo 'Hardwiring "'$myhostname"'.' >&4;;
@ end
esac
@end
case "$d_phostname" in
") d_phostname="$undef";;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gethname.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: mailer.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: mailer.U,v $
?RCS: Revision 3.0.1.3 1995/01/11 15:32:11 ram
?RCS: patch45: can now use Loc variables since path stripping is deferred
?RCS:
?RCS: Revision 3.0.1.2 1994/05/06 15:10:04 ram
?RCS: patch23: ensure full path value is used for rmail also
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:14:18 ram
?RCS: patch16: now use _sendmail vars and friends for portability issues
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:10 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:mailer: test cat rmail mail smail sendmail Getfile Oldconfig
?MAKE: -pick add $@ %<
?S:mailer:
?S: This variable contains the full pathname of a reasonable mailer.
?S: By reasonable, we mean some program which can understand internet
?S: addresses or at least forward them to some internet router. This
?S: mailer should be invoked as "mailer [options] recipients <mail>".
?S:.
: determine the name of a reasonable mailer
case "$mailer" in
")
if $test -f "$sendmail"; then
dflt="$sendmail"
elif $test -f "$smail"; then
dflt="$smail"
elif $test -f "$rmail"; then
dflt="$rmail"
elif $test -f /bin/mail; then
dflt=/bin/mail
else
dflt=$mail
fi
;;
```

```
*) dflt="$mailer";;
esac
$cat <<EOM
```

I need the full pathname of the program used to deliver mail on your system. A typical answer would be /usr/lib/sendmail or /bin/rmail, but you may choose any other program, as long as it can be fed from standard input and will honour any user-supplied headers.

```
EOM
fn=f
rp='Mail transport agent to be used?'
./getfile
mailer="$ans"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mailler.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: MailList.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: MailList.U,v $
?RCS: Revision 3.0.1.1 1994/01/24 14:01:49 ram
?RCS: patch16: created
?RCS:
?RCS:
?X:
?X: This unit offers the user the option of subscribing to the mailing
?X: list. To force inclusion of this unit, you must add it's name to the
?X: dependancies on the MAKE line in your private copy of End.U.
?X: The address of the mailing list server must be set via a "list_request=..."
?X: entry in the .package file. This is usually done by running packinit and
?X: answering the proper questions.
?X:
?MAKE:MailList: cat mailer package Myread cf_name cf_email
?MAKE: -pick wipe $@ %<
?T:list_request list_sub list_unsub list_name
```

?X:

?X: The cf\_name dependency is used through list\_sub when the mailing list

?X: manager happens to be listserv, whereas cf\_email is used with majordomo

?X: or when the mailing list request address is scanned by a human. Since

?X: they do not appear within the unit itself, we need a lint hint.

?X:

?LINT:use cf\_name cf\_email

: offer to join the mailing list

list\_request='<\$list\_request>'

list\_sub="<\$list\_sub>"

list\_unsub="<\$list\_unsub>"

list\_name="<\$list\_name>"

\$cat <<EOM

There is a mailing list for discussion about \$package and related issues.

This is the preferred place to ask questions about the program and discuss

modifications and additions with the author and other users. If you are able

to send mail to the Internet, you are encouraged to subscribe. You need only

ever subscribe once, and you can unsubscribe automatically at any time in the

future. If you have already subscribed and you wish to unsubscribe now, you

may do so by answering "unsubscribe". Answer "subscribe" to subscribe to the

list.

EOM

rp="Subscribe to or unsubscribe from the \$list\_name mailing list?"

dflt=neither

./myread

case "\$ans" in

[sS]\*) \$cat <<EOM

You will be sent a message from the list server to let you know when your

subscription has been successful and telling you how to submit articles and

how to unsubscribe again when necessary. You may also unsubscribe by running

this script again and asking it to do so for you.

EOM

echo "Sending mail to subscribe you to the \$list\_name list..." >&4

\$mailer \$list\_request <<EOM >/dev/null 2>&1

Precedence: junk

To: \$list\_request

\$list\_sub

EOM

::

[uU]\*) echo "Sending mail to unsubscribe you from the \$list\_name list..." >&4

\$mailer \$list\_request <<EOM >/dev/null 2>&1

Precedence: junk

To: \$list\_request

```
$list_unsub
EOM
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/MailList.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strdup.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_strdup.U,v $
```

```
?RCS: Revision 3.0.1.1 1993/12/15 08:21:41 ram
```

```
?RCS: patch15: created
```

```
?RCS:
```

```
?MAKE:d_strdup: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_strdup:
```

```
?S: This variable conditionally defines HAS_STRDUP if strdup() is
```

```
?S: available to duplicate strings in memory.
```

```
?S:.
```

```
?C:HAS_STRDUP:
```

```
?C: This symbol, if defined, indicates that the strdup routine is
```

```
?C: available to duplicate strings in memory. Otherwise, roll up
```

```
?C: your own...
```

```
?C:.
```

```
?H:#$d_strdup HAS_STRDUP /**/
```

```
?H:.
```

```
?LINT:set d_strdup
```

```
: see if strdup exists
```

```
set strdup d_strdup
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strdup.U
```

No license file was found, but licenses were detected in source scan.



```

?RCS: $Id: d_table.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_table.U,v $
?RCS: Revision 3.0.1.2 1993/11/10 17:34:14 ram
?RCS: patch14: wrongly mentionned an obsolete symbol
?RCS:
?RCS: Revision 3.0.1.1 1993/10/16 13:49:29 ram
?RCS: patch12: created
?RCS:
?MAKE:d_table: Inlibc
?MAKE: -pick add $@ %<
?S:d_table:
?S: This variable conditionally defines HAS_TABLE if table() is
?S: available to examine/update elements from a system table.
?S:
?C:HAS_TABLE:
?C: This symbol, if defined, indicates that the OSF/1 table() system
?C: call is available to examine/update items from a system table.
?C:
?H:#$d_table HAS_TABLE /**/
?H:
?LINT:set d_table
: see if table exists
set table d_table
eval $inlibc

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_table.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_wifstat.U,v 3.0.1.3 1997/02/28 15:47:43 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.

```

```

?RCS:
?RCS: $Log: d_wifstat.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:47:43 ram
?RCS: patch61: added a ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 14:09:10 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.1 1995/03/21 08:47:46 ram
?RCS: patch52: created
?RCS:
?MAKE:d_wifstat: Compile d_uwait Oldconfig cat rm
?MAKE: -pick add $@ %<
?S:d_wifstat:
?S: This symbol conditionally defines USE_WIFSTAT if the C program can
?S: safely use the WIFxxx macros with the kind of wait() parameter
?S: declared in the program (see UNION_WAIT), or if it can't. Should
?S: only matter on HP-UX, where the macros are incorrectly written and
?S: therefore cause programs using them with an 'union wait' variable
?S: to not compile properly.
?S:.
?C:USE_WIFSTAT:
?C: This symbol, if defined, indicates to the C program that the argument
?C: for the WIFxxx set of macros such as WIFSIGNALED or WIFEXITED can
?C: be of the same kind as the one used to hold the wait() status. Should
?C: only matter on HP-UX, where the macros are incorrectly written and
?C: therefore cause programs using them with an 'union wait' variable
?C: to not compile properly. See also UNION_WAIT.
?C:.
?H:#$d_wifstat USE_WIFSTAT /**/
?H:.
?T:type
?F:!foo
: see if we can use WIFxxx macros
echo " "
case "$d_wifstat" in
"$define") echo "As before, you can safely use WIFEXITED and friends!" >&4;;
"$undef") echo "You still can't use WIFEXITED and friends!" >&4;;
*)
echo "Let's see whether you can use the WIFEXITED(status) macro and its"
case "$d_uwait" in
"$define") type='union wait';
*) type='int';;
esac
echo "friends with status declared as '$type status'..."
$cat >foo.c <<EOCP
#include <sys/types.h>
#include <sys/wait.h>

```

```

int main()
{
$type status;
int e = 0;

#ifdef WIFEXITED
if (WIFEXITED(status))
printf("\n");
exit(0);
#else
exit(2);
#endif
}
EOCP
d_wifstat="$sundef"
set foo
if eval $compile; then
if ./foo >/dev/null; then
echo "Great! Looks like we can use the WIFxxx macros." >&4
d_wifstat="$sdefine"
else
echo "You don't seem to have WIFxxx macros, but that's ok." >&4
fi
else
echo "Apparently you can't use WIFxxx macros properly." >&4
fi
$rm -f foo.* foo core
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_wifstat.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: nblock\_io.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:17:14 ram

?RCS: patch61: simplify here document for shells that can't handle them well

?RCS: patch61: force use of "startsh" at the head of the generated script

?RCS: patch61: added new files to the ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.1 1995/07/25 14:13:22 ram

?RCS: patch56: created

?RCS:

?X:

?X: Simplify here document for shells that can't handle them well.

?X: (Problem reported on FreeBSD; it's unclear if this helps.) --AD

?X:

?MAKE:o\_nonblock eagain rd\_nodata d\_eofnblk: cat rm\_try +cc +ccflags +ldflags \  
d\_open3 h\_sysfile h\_fcntl signal\_t hint Oldconfig Setvar startsh Warn

?MAKE: -pick add \$@ %<

?S:o\_nonblock:

?S: This variable bears the symbol value to be used during open() or fcntl()

?S: to turn on non-blocking I/O for a file descriptor. If you wish to switch

?S: between blocking and non-blocking, you may try ioctl(FIOSNBIO) instead,

?S: but that is only supported by some devices.

?S:.

?S:eagain:

?S: This variable bears the symbolic errno code set by read() when no

?S: data is present on the file and non-blocking I/O was enabled (otherwise,

?S: read() blocks naturally).

?S:.

?S:rd\_nodata:

?S: This variable holds the return code from read() when no data is

?S: present. It should be -1, but some systems return 0 when O\_NDELAY is

?S: used, which is a shame because you cannot make the difference between

?S: no data and an EOF.. Sigh!

?S:.

?S:d\_eofnblk:

?S: This variable conditionally defines EOF\_NONBLOCK if EOF can be seen

?S: when reading from a non-blocking I/O source.

?S:.

?C:VAL\_O\_NONBLOCK:

?C: This symbol is to be used during open() or fcntl(F\_SETFL) to turn on

?C: non-blocking I/O for the file descriptor. Note that there is no way

?C: back, i.e. you cannot turn it blocking again this way. If you wish to

?C: alternatively switch between blocking and non-blocking, use the

?C: ioctl(FIOSNBIO) call instead, but that is not supported by all devices.

?C:.

?C:VAL\_EAGAIN:

?C: This symbol holds the errno error code set by read() when no data was

?C: present on the non-blocking file descriptor.

?C:.

?C:RD\_NODATA:

?C: This symbol holds the return code from read() when no data is present

?C: on the non-blocking file descriptor. Be careful! If EOF\_NONBLOCK is

?C: not defined, then you can't distinguish between no data and EOF by

?C: issuing a read(). You'll have to find another way to tell for sure!

?C:.

?C:EOF\_NONBLOCK:

?C: This symbol, if defined, indicates to the C program that a read() on

?C: a non-blocking file descriptor will return 0 on EOF, and not the value

?C: held in RD\_NODATA (-1 usually, in that case!).

?C:.

?H:#define VAL\_O\_NONBLOCK \$o\_nonblock

?H:#define VAL\_EAGAIN \$again

?H:#define RD\_NODATA \$rd\_nodata

?H:\$d\_eofnblk EOF\_NONBLOCK

?H:.

?F:!try !try.out !try.ret !try.err !mtry

?T:status

?LINT:use d\_open3

: check for non-blocking I/O stuff

case "\$h\_sysfile" in

true) echo "#include <sys/file.h>" > head.c;;

\*)

case "\$h\_fcntl" in

true) echo "#include <fcntl.h>" > head.c;;

\*) echo "#include <sys/fcntl.h>" > head.c;;

esac

::

esac

echo " "

echo "Figuring out the flag used by open() for non-blocking I/O..." >&4

case "\$o\_nonblock" in

")

\$cat head.c > try.c

\$cat >>try.c <<'EOCP'

int main() {

#ifdef O\_NONBLOCK

printf("O\_NONBLOCK\n");

exit(0);

#endif

#ifdef O\_NDELAY

printf("O\_NDELAY\n");

exit(0);

#endif

?X: Stevens "Advanced Programming in the UNIX Environment" page 364 mentions

?X: the FNDELAY symbol, used in 4.33BSD (source: Paul Marquess).

#ifdef FNDELAY

printf("FNDELAY\n");

exit(0);

#endif

```

exit(0);
}
EOCP
if $cc $ccflags $ldflags -o try try.c >/dev/null 2>&1; then
o_nonblock=`./try`
case "$o_nonblock" in
") echo "I can't figure it out, assuming O_NONBLOCK will do.";;
*) echo "Seems like we can use $o_nonblock.";;
esac
else
echo "(I can't compile the test program; pray O_NONBLOCK is right!)"
fi
;;
*) echo "Using $hint value $o_nonblock.";;
esac
$rm_try

echo " "
echo "Let's see what value errno gets from read() on a $o_nonblock file..." >&4
case "$eagain" in
")
$cat head.c > try.c
$cat >>try.c <<EOCP
#include <errno.h>
#include <sys/types.h>
#include <signal.h>
#define MY_O_NONBLOCK $o_nonblock
extern int errno;
$signal_t blech(x) int x; { exit(3); }
EOCP
$cat >> try.c <<'EOCP'
int main()
{
int pd[2];
int pu[2];
char buf[1];
char string[100];

pipe(pd); /* Down: child -> parent */
pipe(pu); /* Up: parent -> child */
if (0 != fork()) {
int ret;
close(pd[1]); /* Parent reads from pd[0] */
close(pu[0]); /* Parent writes (blocking) to pu[1] */
if (-1 == fcntl(pd[0], F_SETFL, MY_O_NONBLOCK))
exit(1);
signal(SIGALRM, blech);
alarm(5);

```

```

if ((ret = read(pd[0], buf, 1)) > 0) /* Nothing to read! */
    exit(2);
sprintf(string, "%d\n", ret);
write(2, string, strlen(string));
alarm(0);
#ifdef EAGAIN
if (errno == EAGAIN) {
    printf("EAGAIN\n");
    goto ok;
}
#endif
#ifdef EWOULDBLOCK
if (errno == EWOULDBLOCK)
    printf("EWOULDBLOCK\n");
#endif
ok:
write(pu[1], buf, 1); /* Unblocks child, tell it to close our pipe */
sleep(2); /* Give it time to close our pipe */
alarm(5);
ret = read(pd[0], buf, 1); /* Should read EOF */
alarm(0);
sprintf(string, "%d\n", ret);
write(3, string, strlen(string));
exit(0);
}

close(pd[0]); /* We write to pd[1] */
close(pu[1]); /* We read from pu[0] */
read(pu[0], buf, 1); /* Wait for parent to signal us we may continue */
close(pd[1]); /* Pipe pd is now fully closed! */
exit(0); /* Bye bye, thank you for playing! */
}
EOCP
if $cc $ccflags $ldflags -o try try.c >/dev/null 2>&1; then
?X: Use script to avoid the possible 'alarm call' message
echo "$startsh" >mtry
echo "./try >try.out 2>try.ret 3>try.err || exit 4" >>mtry
chmod +x mtry
./mtry >/dev/null 2>&1
case $? in
0) eagain=`$cat try.out`;
1) echo "Could not perform non-blocking setting!";;
2) echo "I did a successful read() for something that was not there!";;
3) echo "Hmm... non-blocking I/O does not seem to be working!";;
*) echo "Something terribly wrong happened during testing.";;
esac
rd_nodata=`$cat try.ret`
echo "A read() system call with no data present returns $rd_nodata."

```

```

case "$rd_nodata" in
0|-1) ;;
*)
echo "(That's peculiar, fixing that to be -1.)"
rd_nodata=-1
;;
esac
case "$eagain" in
")
echo "Forcing errno EAGAIN on read() with no data available."
eagain=EAGAIN
;;
*)
echo "Your read() sets errno to $eagain when no data is available."
;;
esac
status=`$cat try.err`
case "$status" in
0) echo "And it correctly returns 0 to signal EOF.";;
-1) echo "But it also returns -1 to signal EOF, so be careful!";;
*) echo "However, your read() returns '$status' on EOF??";;
esac
val="$define"
if test "$status" = "$rd_nodata"; then
./warn "your read() can't distinguish between EOF and no data!"
val="$undef"
fi
else
echo "I can't compile the test program--assuming errno EAGAIN will do."
eagain=EAGAIN
fi
set d_eofnblk
eval $setvar
;;
*)
echo "Using $hint value $eagain."
echo "Your read() returns $rd_nodata when no data is present."
case "$d_eofnblk" in
"$define") echo "And you can see EOF because read() returns 0.";;
"$undef") echo "But you can't see EOF status from read() returned value.";;
*)
?X: Should not happen, but if it does, assume the worst!
echo "(Assuming you can't see EOF status from read anyway.)"
d_eofnblk=$undef
;;
esac
;;
esac

```



\$rm\_try head.c mtry

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nblock\_io.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_strcspn.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_strcspn.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:33 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_strcspn: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strcspn:

?S: This variable conditionally defines the HAS\_STRCSPN symbol, which

?S: indicates to the C program that the strcspn() routine is available

?S: to scan strings.

?S:.

?C:HAS\_STRCSPN (STRCSPN):

?C: This symbol, if defined, indicates that the strcspn routine is

?C: available to scan strings.

?C:.

?H:#\$d\_strcspn HAS\_STRCSPN /\*\*/

?H:.

?LINT:set d\_strcspn

: see if strcspn exists

set strcspn d\_strcspn

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_strcspn.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_gethbyad.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_gethbyaddr: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_gethbyaddr:  
?S: This variable conditionally defines the HAS\_GETHOSTBYADDR symbol, which  
?S: indicates to the C program that the gethostbyaddr() routine is available  
?S: to look up hosts by their IP addresses.  
?S:.  
?C:HAS\_GETHOSTBYADDR:  
?C: This symbol, if defined, indicates that the gethostbyaddr() routine is  
?C: available to look up hosts by their IP addresses.  
?C:.  
?H:#\$d\_gethbyaddr HAS\_GETHOSTBYADDR /\*\*/  
?H:.  
?LINT:set d\_gethbyaddr  
: see if gethostbyaddr exists  
set gethostbyaddr d\_gethbyaddr  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_gethbyad.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_gethostprotos.U,v \$  
?RCS:  
?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
?RCS:  
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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?MAKE:d\_gethostprotos : Hasproto i\_netdb  
?MAKE: -pick add \$@ %<  
?S:d\_gethostprotos:  
?S: This variable conditionally defines the HAS\_GETHOST\_PROTOS symbol,  
?S: which indicates to the C program that <netdb.h> supplies  
?S: prototypes for the various gethost\*() functions.  
?S: See also netdbtype.U for probing for various netdb types.  
?S:.  
?C:HAS\_GETHOST\_PROTOS:  
?C: This symbol, if defined, indicates that <netdb.h> includes  
?C: prototypes for gethostent(), gethostbyname(), and  
?C: gethostbyaddr(). Otherwise, it is up to the program to guess

?C: them. See netdbtype.U for probing for various Netdb\_XXX\_t types.

?C:.

?H:#\$d\_gethostprotos HAS\_GETHOST\_PROTOS /\*\*/

?H:.

?LINT:set d\_gethostprotos

?X: This test actually only checks for gethostent() and assumes the

?X: others follow suit. This test fails for ChorusOS, which has

?X: gethostbyname and gethostbyaddr, but not gethostent.

: see if prototypes for various gethostxxx netdb.h functions are available

echo " "

set d\_gethostprotos gethostent \$i\_netdb netdb.h

eval \$hasproto

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d\_gethostprotos.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_dosuid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Tye McQueen <tye@metronet.com> added safe setuid script checks.

?RCS:

?RCS: \$Log: d\_dosuid.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:33:03 ram

?RCS: patch61: moved unit to TOP via a ?Y: layout directive

?RCS: patch61: tell them /dev/fd is not about floppy disks

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:12:08 ram

?RCS: patch36: added checks for secure setuid scripts (Tye McQueen)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:55 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_dosuid d\_suidsafes: cat contains ls rm test Myread Setvar \

Oldconfig Guess package hint patchlevel

?MAKE: -pick add \$@ %<

?S:d\_suidsafes:

?S: This variable conditionally defines SETUID\_SCRIPTS\_ARE\_SECURE\_NOW

?S: if setuid scripts can be secure. This test looks in /dev/fd/.

?S:.

```

?S:d_suid:
?S: This variable conditionally defines the symbol DOSUID, which
?S: tells the C program that it should insert setuid emulation code
?S: on hosts which have setuid #! scripts disabled.
?S:.
?C:SETUID_SCRIPTS_ARE_SECURE_NOW:
?C: This symbol, if defined, indicates that the bug that prevents
?C: setuid scripts from being secure is not present in this kernel.
?C:.
?C:DOSUID:
?C: This symbol, if defined, indicates that the C program should
?C: check the script that it is executing for setuid/setgid bits, and
?C: attempt to emulate setuid/setgid on systems that have disabled
?C: setuid #! scripts because the kernel can't do it securely.
?C: It is up to the package designer to make sure that this emulation
?C: is done securely. Among other things, it should do an fstat on
?C: the script it just opened to make sure it really is a setuid/setgid
?C: script, it should make sure the arguments passed correspond exactly
?C: to the argument on the #! line, and it should not trust any
?C: subprocesses to which it must pass the filename rather than the
?C: file descriptor of the script to be executed.
?C:.
?H:#$d_suidsafe SETUID_SCRIPTS_ARE_SECURE_NOW /**/
?H:#$d_suid DOSUID /**/
?H:.
?Y:TOP
?F:!reflect
?LINT: set d_suidsafe
: see if setuid scripts can be secure
$cat <<EOM

```

Some kernels have a bug that prevents setuid #! scripts from being secure. Some sites have disabled setuid #! scripts because of this.

First let's decide if your kernel supports secure setuid #! scripts. (If setuid #! scripts would be secure but have been disabled anyway, don't say that they are secure if asked.)

EOM

```

val="$undef"
if $test -d /dev/fd; then
echo "#!$ls" >reflect
chmod +x,u+s reflect
./reflect >flect 2>&1
if $contains "/dev/fd" flect >/dev/null; then
echo "Congratulations, your kernel has secure setuid scripts!" >&4
val="$define"

```

else

```
$cat <<EOM
```

If you are not sure if they are secure, I can check but I'll need a username and password different from the one you are using right now.

If you don't have such a username or don't want me to test, simply enter 'none'.

EOM

```
rp='Other username to test security of setuid scripts with?'
```

```
dflt='none'
```

```
./myread
```

```
case "$ans" in
```

```
n|none)
```

```
case "$d_suidsafes" in
```

```
) echo "I'll assume setuid scripts are *not* secure." >&4
```

```
dflt=n;;
```

```
"$undef")
```

```
echo "Well, the $hint value is *not* secure." >&4
```

```
dflt=n;;
```

```
*) echo "Well, the $hint value *is* secure." >&4
```

```
dflt=y;;
```

```
esac
```

```
;;
```

```
*)
```

```
$rm -f reflect flect
```

```
echo "#!$ls" >reflect
```

```
chmod +x,u+s reflect
```

```
echo >flect
```

```
chmod a+w flect
```

```
echo "'su' will (probably) prompt you for '$ans's password.'
```

```
su $ans -c './reflect >flect'
```

```
if $contains "/dev/fd" flect >/dev/null; then
```

```
echo "Okay, it looks like setuid scripts are secure." >&4
```

```
dflt=y
```

```
else
```

```
echo "I don't think setuid scripts are secure." >&4
```

```
dflt=n
```

```
fi
```

```
;;
```

```
esac
```

```
rp='Does your kernel have *secure* setuid scripts?'
```

```
./myread
```

```
case "$ans" in
```

```
[yY]*) val="$define";;
```

```
*) val="$undef";;
```

```
esac
```

```
fi
```

```
else
```

```

echo "I don't think setuid scripts are secure (no /dev/fd directory)." >&4
echo "(That's for file descriptors, not floppy disks.)"
val="$undef"
fi
set d_suidsafef
eval $setvar

```

```
$rm -f reflect flect
```

```

: now see if they want to do setuid emulation
if $test $patchlevel -lt 11; then
echo " "
val="$undef"
case "$d_suidsafef" in
"$define")
val="$undef"
echo "No need to emulate SUID scripts since they are secure here." >&4
;;
*)

```

```
$cat <<EOM
```

Some systems have disabled setuid scripts, especially systems where setuid scripts cannot be secure. On systems where setuid scripts have been disabled, the setuid/setgid bits on scripts are currently useless. It is possible for \$package to detect those bits and emulate setuid/setgid in a secure fashion. This emulation will only work if setuid scripts have been disabled in your kernel.

```
EOM
```

```

case "$d_dosuid" in
"$define") dflt=y ;;
*) dflt=n ;;
esac
rp="Do you want to do setuid/setgid emulation?"
. ./myread
case "$ans" in
[yY]*) val="$define";;
*) val="$undef";;
esac
;;
esac
set d_dosuid
eval $setvar
else
case "$d_dosuid" in
"$define")
cat >&4 <<EOH

```

SUID emulation has been removed for 5.12

Please re-run Configure without -Dd\_dosuid

```
EOH
exit 1;
;;
esac
d_dosuid=undef
fi
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dosuid.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: usedtrace.U,v $
?RCS:
?RCS: Copyright (c) 2008 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: usedtrace.U,v $
?RCS:
?MAKE:usedtrace dtrace: Myread Oldconfig Setvar Getfile test
?MAKE: -pick add $@ %<
?Y:TOP
?S:usedtrace:
?S: This variable indicates whether we are compiling with dtrace
?S: support. See also dtrace.
?S:.
?S:dtrace:
?S: This variable holds the location of the dtrace executable.
?S:.
?C:USE_DTRACE:
?C: This symbol, if defined, indicates that Perl should
?C: be built with support for DTrace.
?C:.
?H:#$usedtrace USE_DTRACE /**/
?H:.
?T:dflt_dtrace
?LINT:set usedtrace
?LINT:set dtrace
: DTrace support
dflt_dtrace='/usr/sbin/dtrace'
$test -x /usr/bin/dtrace && dflt_dtrace='/usr/bin/dtrace'

cat <<EOM
```

Perl can be built to support DTrace on platforms that support it.  
DTrace is a diagnosis and performance analysis tool from Sun.

If this doesn't make any sense to you, just accept the default.  
EOM

```
while $test 1 ; do
case "$usedtrace" in
$define|true|[yY]*)
dflt='y'
;;
?*)
dflt='y'
dflt_dtrace=$usedtrace
;;
*)
dflt='n'
;;
esac

rp='Support DTrace if available?'
. ./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
set usedtrace
eval $setvar

test "X$usedtrace" != "X$define" && break

echo " "
rp='Where is the dtrace executable?'
dflt=$dflt_dtrace
. ./getfile
val="$ans"
set dtrace
eval $setvar

if $test -f $dtrace
then
if $dtrace -h -s ../perldtrace.d \
-o perldtrace.tmp >/dev/null 2>&1 \
&& rm -f perldtrace.tmp
then
echo " "
echo "Good: your $dtrace knows about the -h flag."
else
```



```
cat >&2 <<EOM
```

```
*** $me: Fatal Error: $dtrace doesn't support -h flag
***
*** Your installed dtrace doesn't support the -h switch to compile a D
*** program into a C header. Can't continue.
```

```
EOM
```

```
    exit 1
fi
break;
fi
```

```
case "$fastread" in
yes)
cat >&2 <<EOM
```

```
*** $me: Fatal Error: $dtrace not found.
*** Can't continue.
```

```
EOM
```

```
    exit 1
;;
*)
echo "*** $dtrace was not found."
echo " "
;;
esac
done
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usedtrace.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_inetaton.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1996, Spider Boardman
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

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```
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_inetaton.U,v $
```

```
?RCS: Revision 3.0.1.1 1997/02/28 15:36:35 ram
```

?RCS: patch61: created  
?RCS:  
?MAKE:d\_inetaton: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_inetaton:  
?S: This variable conditionally defines the HAS\_INET\_ATON symbol, which  
?S: indicates to the C program that the inet\_aton() function is available  
?S: to parse IP address "dotted-quad" strings.  
?S:.  
?C:HAS\_INET\_ATON:  
?C: This symbol, if defined, indicates to the C program that the  
?C: inet\_aton() function is available to parse IP address "dotted-quad"  
?C: strings.  
?C:.  
?H:#\$d\_inetaton HAS\_INET\_ATON /\*\*/  
?H:.  
?LINT:set d\_inetaton  
: check whether inet\_aton exists  
set inet\_aton d\_inetaton  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_inetaton.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998, Jarkko Hietaniemi

?RCS:

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?RCS: of the source tree for dist 3.0.

?X:

?X: Useless unit dropped. Use randfunc instead.

?X:

?LINT:empty

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/randbits.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: lseektype.U,v 3.0.1.1 1994/08/29 16:30:10 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

```

?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: lseektype.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:30:10 ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:08 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:lseektype lseeksize: Myread Typedef cat Compile rm_try longsize run
?MAKE: -pick add $@ %<
?S:lseektype:
?S: This variable defines lseektype to be something like off_t, long,
?S: or whatever type is used to declare lseek offset's type in the
?S: kernel (which also appears to be lseek's return type).
?S:.
?S:lseeksize:
?S: This variable defines lseektype to be something like off_t, long,
?S: or whatever type is used to declare lseek offset's type in the
?S: kernel (which also appears to be lseek's return type).
?S:.
?C:Off_t (LSEEKTYPE):
?C: This symbol holds the type used to declare offsets in the kernel.
?C: It can be int, long, off_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?C:LSEEKSIZE:
?C: This symbol holds the number of bytes used by the Off_t.
?C:.
?C:Off_t_size:
?C: This symbol holds the number of bytes used by the Off_t.
?C:.
?H:#define Off_t $lseektype /* <offset> type */
?H:#define LSEEKSIZE $lseeksize /* <offset> size */
?H:#define Off_t_size $lseeksize /* <offset> size */
?H:.
?F:!try
?LINT:set lseektype
: see what type lseek is declared as in the kernel
rp="What is the type used for lseek's offset on this system?"
set off_t lseektype long stdio.h sys/types.h
eval $typedef_ask

```

```

echo " "
echo "Checking to see how big your file offsets are..." >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main()
{
    printf("%d\n", (int)sizeof($lseektype));
    return(0);
}
EOCP
set try
if eval $compile_ok; then
    lseeksize=`$run ./try`
    echo "Your file offsets are $lseeksize bytes long."
else
    dflt=$longsize
    echo " "
    echo "(I can't seem to compile the test program. Guessing...)"
    rp="What is the size of your file offsets (in bytes)?"
    ./myread
    lseeksize="$ans"
fi
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/lseektype.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Cppsym.U,v \$

?RCS: Revision 3.0.1.5 1995/05/12 11:59:11 ram

?RCS: patch54: split awk command onto two lines for older awks (ADO)

?RCS:

?RCS: Revision 3.0.1.4 1995/01/11 14:55:57 ram

?RCS: patch45: new cc vs. cpp symbol checking suggested by JHI

?RCS: patch45: added more cpp symbols (JHI)

?RCS:

?RCS: Revision 3.0.1.3 1994/10/29 15:51:32 ram  
 ?RCS: patch36: added ?F: line for metalint file checking  
 ?RCS: patch36: new symbols ardent and titan (ADO)  
 ?RCS:  
 ?RCS: Revision 3.0.1.2 1994/06/20 06:53:32 ram  
 ?RCS: patch30: extended cpp symbol lookup list (JHI)  
 ?RCS: patch30: renamed attrlist symbol into al for brevity  
 ?RCS:  
 ?RCS: Revision 3.0.1.1 1993/12/15 08:14:14 ram  
 ?RCS: patch15: added new cpp symbols \_\_bsdi\_\_ and BSD\_NET2  
 ?RCS:  
 ?RCS: Revision 3.0 1993/08/18 12:04:50 ram  
 ?RCS: Baseline for dist 3.0 netwide release.  
 ?RCS:  
 ?X:  
 ?X: This unit produces a shell script called Cppsym, which can be used to  
 ?X: determine whether any in a list of symbols is defined by the C compilation  
 ?X: chain (C preprocessor symbols plus C compiler native ones).  
 ?X: It can determine the status of any symbol, though the symbols in \$al  
 ?X: are more easily determined. If you want to add to \$al you can do  
 ?X: it in Myinit.U.  
 ?X:  
 ?MAKE:Cppsym ccsymbols cppsymbols cppccsymbols: run \  
 eunicefix Guess awk cat tr sed sort rm startsh osname \  
 +cc gccversion test comm uniq echo Options trnl \  
 optimize cflags ldflags libs  
 ?MAKE: -pick add \$@ %<  
 ?S:ccsymbols:  
 ?S: The variable contains the symbols defined by the C compiler alone.  
 ?S: The symbols defined by cpp or by cc when it calls cpp are not in  
 ?S: this list, see cppsymbols and cppccsymbols.  
 ?S: The list is a space-separated list of symbol=value tokens.  
 ?S:.  
 ?S:cppsymbols:  
 ?S: The variable contains the symbols defined by the C preprocessor  
 ?S: alone. The symbols defined by cc or by cc when it calls cpp are  
 ?S: not in this list, see ccsymbols and cppccsymbols.  
 ?S: The list is a space-separated list of symbol=value tokens.  
 ?S:.  
 ?S:cppccsymbols:  
 ?S: The variable contains the symbols defined by the C compiler  
 ?S: when it calls cpp. The symbols defined by the cc alone or cpp  
 ?S: alone are not in this list, see ccsymbols and cppsymbols.  
 ?S: The list is a space-separated list of symbol=value tokens.  
 ?S:.  
 ?T:also symbols i postprocess\_cc\_v flags  
 ?F:./Cppsym  
 ?F:!Cppsym.true !Cppsym.know !ccsym.com !ccsym.cpp !ccsym.own

```

: determine known pre-processor and compiler symbols
echo " "
$echo "Guessing which symbols your C compiler and preprocessor define..." >&4
?X:
?X: The symbol list is in alpha order for ease of maintenance...
?X:
?X: Lots of new symbols (mostly rummaged from gcc), courtesy of
?X: Jarkko Hietaniemi <jhi@snakemail.hut.fi> -- RAM, 06/06/94
?X:
?X: If your symbol is mixed case, just add it as-is.
?X: All symbols will be transformed to both all-lower and all-upper.
?X: Also drop any leading/trailing underscores, the scan will try all those.
?X:
$cat <<'EOSH' > Cppsym.know
a29k ABI64 aegis AES_SOURCE AIX AIX32 AIX370
AIX41 AIX42 AIX43 AIX_SOURCE aixpc ALL_SOURCE
alliant alpha am29000 AM29000 AMD64 amiga AMIGAOS AMIX
ansi ANSI_C_SOURCE apollo ardent ARM32 atarist att386 att3b
BeOS BIG_ENDIAN BIT_MSF bsd BSD bsd43 bsd4_2 bsd4_3 BSD4_3 bsd4_4
BSD_4_3 BSD_4_4 BSD_NET2 BSD_TIME BSD_TYPES BSDCOMPAT bsdI
bull c cadmus clipper CMU COFF COMPILER_VERSION
concurrent convex cpu cray CRAY CRAYMPP ctix CX_UX
CYGWIN DGUX DGUX_SOURCE DJGPP dmert DOLPHIN DPX2 DSO
Dynix DynixPTX ELF encore EPI EXTENSIONS FAVOR_BSD
FILE_OFFSET_BITS FreeBSD GCC_NEW_VARARGS gcos gcx gimpel
GLIBC GLIBC_MINOR
GNU_SOURCE GNUC GNUC_MINOR GNU_LIBRARY GO32 gould GOULD_PN
H3050R H3050RX hbulx20 hex host_mips
hp200 hp300 hp700 HP700 hp800 hp9000
hp9000s200 hp9000s300 hp9000s400 hp9000s500
hp9000s700 hp9000s800 hp9k8 hp_osf hppa hpux HPUX_SOURCE
i186 i286 i386 i486 i586 i686 i8086 i80960 i860 I960
IA64 iAPX286 ibm ibm032 ibmesa IBMR2 ibmrt ILP32 ILP64
INLINE_INTRINSICS INTRINSICS INT64 interdata is68k ksr1
LANGUAGE_C LARGE_FILE_API LARGEFILE64_SOURCE
LARGEFILE_SOURCE LFS64_LARGEFILE LFS_LARGEFILE
Linux LITTLE_ENDIAN LONG64 LONG_DOUBLE LONG_LONG
LONGDOUBLE LONGLONG LP64 luna luna88k Lynx
M68000 m68k m88100 m88k M88KBCS_TARGET M_COFF
M_I186 M_I286 M_I386 M_I8086 M_I86 M_I86SM M_SYS3
M_SYS5 M_SYSIII M_SYSV M_UNIX M_XENIX MACH machine MachTen
MATH_HAS_NO_SIDE_EFFECTS
mc300 mc500 mc68000 mc68010 mc68020 mc68030 mc68040
mc68060 mc68k mc68k32 mc700 mc88000 mc88100 merlin
mert MiNT mips MIPS_FPSET MIPS_ISA MIPS_SIM MIPS_SZINT
MIPS_SZLONG MIPS_SZPTR MIPSEB MIPSEL MODERN_C motorola
mpeix MSDOS MTXINU MULTIMAX mvs MVS n16 ncl_el ncl_mr
NetBSD news1500 news1700 news1800 news1900 news3700

```

```

news700 news800 news900 NeXT NLS nonstopux ns16000 ns32000
ns32016 ns32332 ns32k nsc32000
OCS88 OEMVS OpenBSD os OS2 OS390 osf OSF1 OSF_SOURCE
pa_risc PA_RISC1_1 PA_RISC2_0 PARAGON parisc
pc532 pdp11 PGC PIC plexus PORTAR posix
POSIX1B_SOURCE POSIX2_SOURCE POSIX4_SOURCE
POSIX_C_SOURCE POSIX_SOURCE POWER
PROTOTYPES PWB pyr QNX R3000 REENTRANT RES Rhapsody RISC6000
riscix riscos RT S390 SA110 scs SCO sequent sgi SGI_SOURCE SH3 sinix
SIZE_INT SIZE_LONG SIZE_PTR SOCKET_SOURCE SOCKETS_SOURCE
sony sony_news sonyrisc sparc sparclite spectrum
stardent stdc STDC_EXT stratos sun sun3 sun386
Sun386i svr3 svr4 SVR4_2 SVR4_SOURCE svr5
SX system SYSTYPE_BSD SYSTYPE_BSD43 SYSTYPE_BSD44
SYSTYPE_SVR4 SYSTYPE_SVR5 SYSTYPE_SYSV SYSV SYSV3 SYSV4 SYSV5
sysV68 sysV88 Tek4132 Tek4300 titan
TM3200 TM5400 TM5600
tower tower32 tower32_200 tower32_600 tower32_700
tower32_800 tower32_850 tss
u370 u3b u3b2 u3b20 u3b200 u3b20d u3b5
ultrix UMAXV UnicomPBB UnicomPBD UNICOS UNICOSMK
unix UNIX95 UNIX99 unixpc unos
USE_BSD USE_FILE_OFFSET64 USE_GNU USE_ISOC9X USE_LARGEFILE USE_LARGEFILE64
USE_MISC USE_POSIX USE_POSIX199309 USE_POSIX199506 USE_POSIX2
USE_REENTRANT USE_SVID USE_UNIX98 USE_XOPEN USE_XOPEN_EXTENDED
USGr4 USGr4_2
Utek UTeK UTS UWIN uxpm uxps vax venix VMESA vms xenix Xenix286
XOPEN_SOURCE XOPEN_SOURCE_EXTENDED XPG2 XPG2_EXTENDED
XPG3 XPG3_EXTENDED XPG4 XPG4_EXTENDED
z8000
EOSH
?X: Maybe put other stuff here too.
cat <<EOSH >>Cppsym.know
$osname
EOSH
./tr '[a-z]' '[A-Z]' < Cppsym.know > Cppsym.a
./tr '[A-Z]' '[a-z]' < Cppsym.know > Cppsym.b
$cat Cppsym.know > Cppsym.c
$cat Cppsym.a Cppsym.b Cppsym.c | $tr ' ' $trnl | $sort | $uniq > Cppsym.know
$rm -f Cppsym.a Cppsym.b Cppsym.c
cat <<EOSH > Cppsym
$startsh
if $test \ $# -gt 0; then
    echo \ $* | $tr " " "$trnl" | ./Cppsym.try > Cppsym.got
    if $test -s Cppsym.got; then
        $rm -f Cppsym.got
    exit 0
fi

```

```

$rm -f Cppsym.got
exit 1
else
  $tr " " "$trml" | ./Cppsym.try
  exit 0
fi
EOSH
chmod +x Cppsym
$unicefix Cppsym
?X: The below awk script will die a horrible death if
?X: some of the tested symbols are not long ints.
?X: Also, we do not make difference between just defined and defined zero.
cat <<EOSH > Cppsym.try
$startsh
cat <<'EOCP' > try.c
#include <stdio.h>
int main() {
EOCP
?X: The length($1) command guards against possible empty entries.
?X: The awk snippet is know to give heartburn to UNICOS/mk awk.
$awk \\
EOSH
cat <<'EOSH' >> Cppsym.try
'length($1) > 0 {
  printf "#ifdef %s\n#if %s+0\nprintf(\"%s=%ld\n\", (long)%s);\n#else\nprintf(\"%s\n\");\n#endif\n#endif\n", $1,
$1, $1, $1, $1
  printf "#ifdef __s\n#if __s+0\nprintf(\"__s=%ld\n\",
(long)__s);\n#else\nprintf(\"__s\n\");\n#endif\n#endif\n", $1, $1, $1, $1, $1
  printf "#ifdef __s\n#if __s+0\nprintf(\"__s=%ld\n\",
(long)__s);\n#else\nprintf(\"__s\n\");\n#endif\n#endif\n", $1, $1, $1, $1, $1
  printf "#ifdef __s__\n#if __s__+0\nprintf(\"__s__=%ld\n\",
(long)__s__);n#else\nprintf(\"__s__\n\");\n#endif\n#endif\n", $1, $1, $1, $1, $1
}' >> try.c
echo 'return 0;}' >> try.c
EOSH
cat <<EOSH >> Cppsym.try
flags="$ccflags"
case "$osname-$gccversion" in
irix-) flags="$flags -woff 1178" ;;
os2-*) flags="$flags -Zlinker /PM:VIO" ;;
esac
$cc -o try $optimize \ $flags $ldflags try.c $libs && $run ./try
EOSH
chmod +x Cppsym.try
$unicefix Cppsym.try
./Cppsym < Cppsym.know > Cppsym.true
: now check the C compiler for additional symbols
?X: suggested by Jarkko Hietaniemi <jhi@snakemail.hut.fi>, thanks!

```



```

postprocess_cc_v="
case "$osname" in
aix) postprocess_cc_v="|$tr , ' "' ;;
esac
$cat >ccsym <<EOS
$startsh
$cat >tmp.c <<EOF
extern int foo;
EOF
for i in ` $cc -v -c tmp.c 2>&1 $postprocess_cc_v `
do
case "$i" in
-D*) echo "$i" | $sed 's/^-D//';;
-A*) $test "$gccversion" && echo "$i" | $sed 's/^-A//' | $sed 's/(.*)((.*))\^1=2/';;
esac
done
$rm -f try.c
EOS
postprocess_cc_v="
chmod +x ccsym
$eunicefix ccsym
./ccsym > ccsym1.raw
?X: AIX complains if $uniq is passed an empty file. ($sort apparently
?X: doesn't care.) --AD 14 July 1998
if $test -s ccsym1.raw; then
    $sort ccsym1.raw | $uniq >ccsym.raw
else
    mv ccsym1.raw ccsym.raw
fi

?X: canonicalize symbols for easier sort/uniq/comm usage: append =1 if no = sign
?X: the awk script must be on two lines for older awk programs, sigh! -- ADO
$awk '/^=/ { print $0; next }
{ print $0"=1" }' ccsym.raw >ccsym.list
$awk '/^=/ { print $0; next }
{ print $0"=1" }' Cppsym.true >ccsym.true
$comm -13 ccsym.true ccsym.list >ccsym.own
$comm -12 ccsym.true ccsym.list >ccsym.com
$comm -23 ccsym.true ccsym.list >ccsym.cpp
also="
if $test -z ccsym.raw; then
echo "Your C compiler doesn't seem to define any symbols!" >&4
echo " "
echo "However, your C preprocessor defines the following symbols:"
$cat Cppsym.true
    ccsymbols="
cppsymbols=`$cat Cppsym.true`
    cppsymbols=`echo $cppsymbols`

```

```

cppcsymbols="$ccpsymbols"
else
if $test -s ccsym.com; then
echo "Your C compiler and pre-processor define these symbols:"
$sed -e 's/(.*)=.*/\1/' ccsym.com
also='also '
symbols='ones'
cppcsymbols=`$cat ccsym.com`
cppcsymbols=`echo $cppcsymbols`
$test "$$silent" || sleep 1
fi
if $test -s ccsym.cpp; then
$test "$$also" && echo " "
echo "Your C pre-processor ${also}defines the following symbols:"
$sed -e 's/(.*)=.*/\1/' ccsym.cpp
also='further '
cppsymbols=`$cat ccsym.cpp`
cppsymbols=`echo $cppsymbols`
$test "$$silent" || sleep 1
fi
if $test -s ccsym.own; then
$test "$$also" && echo " "
echo "Your C compiler ${also}defines the following cpp symbols:"
$sed -e 's/(.*)=1/\1/' ccsym.own
$sed -e 's/(.*)=.*/\1/' ccsym.own | $uniq >>Cppsymb.true
ccsymbols=`$cat ccsym.own`
ccsymbols=`echo $ccsymbols`
$test "$$silent" || sleep 1
fi
fi
$rm -f Cppsymb.know Cppsymb.true

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Cppsymb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:usemultiplicity: useithreads Myread Oldconfig Setvar

?MAKE: -pick add \$\$@ %<

?Y:TOP

?S:usemultiplicity:

?S: This variable conditionally defines the MULTIPLICITY symbol,  
 ?S: and indicates that Perl should be built to use multiplicity.  
 ?S:.  
 ?C: MULTIPLICITY:  
 ?C: This symbol, if defined, indicates that Perl should  
 ?C: be built to use multiplicity.  
 ?C:.  
 ?H: ?%<:#ifndef MULTIPLICITY  
 ?H: ?%<:#\$usemultiplicity MULTIPLICITY /\*\*/  
 ?H: ?%<:#endif  
 ?H:.  
 ?LINT: set usemultiplicity  
 ?INIT:: set usemultiplicity on the Configure command line to enable multiplicity.  
 : Check if multiplicity is required  
 ?X: We should really have some explanatory text here, and some  
 ?X: automatic setting of sensible defaults.  
 cat <<EOM

Perl can be built so that multiple Perl interpreters can coexist  
 within the same Perl executable.

EOM

```
case "$useithreads" in
$define)
cat <<EOM
This multiple interpreter support is required for interpreter-based threads.
EOM
val="$define"
;;
*) case "$usemultiplicity" in
$define|true|[yY]*) dflt='y';;
*) dflt='n';;
esac
echo " "
echo "If this doesn't make any sense to you, just accept the default '$dflt'."
rp='Build Perl for multiplicity?'
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
;;
esac
set usemultiplicity
eval $setvar
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/usemultiplicity.U

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?RCS:

?MAKE:d\_openat d\_unlinkat d\_renameat d\_linkat d\_fchmodat: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fchmodat:

?S: This variable conditionally defines the HAS\_FCHMODAT symbol, which

?S: indicates the POSIX fchmodat() function is available.

?S:.

?S:d\_linkat:

?S: This variable conditionally defines the HAS\_LINKAT symbol, which

?S: indicates the POSIX linkat() function is available.

?S:.

?S:d\_openat:

?S: This variable conditionally defines the HAS\_OPENAT symbol, which

?S: indicates the POSIX openat() function is available.

?S:.

?S:d\_renameat:

?S: This variable conditionally defines the HAS\_RENAMEAT symbol, which

?S: indicates the POSIX renameat() function is available.

?S:.

?S:d\_unlinkat:

?S: This variable conditionally defines the HAS\_UNLINKAT symbol, which

?S: indicates the POSIX unlinkat() function is available.

?S:.

?C:HAS\_FCHMODAT:

?C: This symbol is defined if the fchmodat() routine is available.

?C:.

?C:HAS\_LINKAT:

?C: This symbol is defined if the linkat() routine is available.

?C:.

?C:HAS\_OPENAT:

?C: This symbol is defined if the openat() routine is available.

?C:.

?C:HAS\_RENAMEAT:

?C: This symbol is defined if the renameat() routine is available.

?C:.

?C:HAS\_UNLINKAT:

?C: This symbol is defined if the unlinkat() routine is available.

?C:.

?H:#\$d\_fchmodat HAS\_FCHMODAT /\*\*/

?H:#\$d\_linkat HAS\_LINKAT /\*\*/

?H:#\$d\_openat HAS\_OPENAT /\*\*/

?H:#\$d\_renameat HAS\_RENAMEAT /\*\*/

?H:#\$d\_unlinkat HAS\_UNLINKAT /\*\*/

?H:

?LINT:set d\_openat d\_unlinkat d\_renameat d\_linkat d\_fchmodat

: check for openat, unlinkat, renameat, linkat, fchmodat

set openat d\_openat

eval \$inlibc

set unlinkat d\_unlinkat

eval \$inlibc

set renameat d\_renameat

eval \$inlibc

set linkat d\_linkat

eval \$inlibc

set fchmodat d\_fchmodat

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fsat.U

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?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:siteman3dir siteman3direxp installsiteman3dir: Getfile \

Setprefixvar prefix siteprefix man3dir sed

?MAKE: -pick add \$@ %<

?Y:TOP

?D:siteman3dir="

?S:siteman3dir:

?S: This variable contains the name of the directory in which site-specific

?S: library man source pages are to be put. It is the responsibility of the

?S: Makefile.SH to get the value of this into the proper command.

?S: You must be prepared to do the ~name expansion yourself.

?S: The standard distribution will put nothing in this directory.

?S: After perl has been installed, users may install their own local

?S: man3 pages in this directory with

?S: MakeMaker Makefile.PL  
 ?S: or equivalent. See INSTALL for details.  
 ?S:.  
 ?D:siteman3direxp="  
 ?S:siteman3direxp:  
 ?S: This variable is the same as the siteman3dir variable, but is filename  
 ?S: expanded at configuration time, for convenient use in makefiles.  
 ?S:.  
 ?D:installsiteman3dir="  
 ?S:installsiteman3dir:  
 ?S: This variable is really the same as siteman3direxp, unless you are using  
 ?S: AFS in which case it points to the read/write location whereas  
 ?S: man3direxp only points to the read-only access location. For extra  
 ?S: portability, you should only use this variable within your makefiles.  
 ?S:.  
 ?LINT:change prefixvar  
 ?LINT:set installsiteman3dir  
 ?LINT:set siteman3dir  
 ?LINT:set siteman3direxp  
 : determine where add-on library man pages go  
 case "\$siteman3dir" in  
 ") dflt=`echo \$man3dir | \$sed "s#^\$prefix#\$siteprefix#" ` ;;  
 \*) dflt=\$siteman3dir ;;  
 esac  
 case "\$dflt" in  
 "| ") dflt=none ;;  
 esac  
 fn=dn+~  
 rp='Pathname where the site-specific library manual pages should be installed?'  
 ./getfile  
 prefixvar=siteman3dir  
 ./setprefixvar

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/siteman3dir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_munmap.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_munmap.U,v \$  
?RCS: Revision 3.0.1.1 1993/12/15 08:19:22 ram  
?RCS: patch15: created  
?RCS:  
?MAKE:d\_munmap: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_munmap:  
?S: This variable conditionally defines HAS\_MUNMAP if munmap() is  
?S: available to unmap a region mapped by mmap().  
?S:.  
?C:HAS\_MUNMAP:  
?C: This symbol, if defined, indicates that the munmap system call is  
?C: available to unmap a region, usually mapped by mmap().  
?C:.  
?H:#\$d\_munmap HAS\_MUNMAP /\*\*/  
?H:.  
?LINT:set d\_munmap  
: see if munmap exists  
set munmap d\_munmap  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_munmap.U

No license file was found, but licenses were detected in source scan.

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?RCS:  
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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_dlopen.U,v \$  
?RCS: Revision 3.0.1.2 1995/07/25 13:52:56 ram  
?RCS: patch56: force compile-link test since symbol might lie in crt0.o (ADO)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/08/29 16:07:34 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_dlopen: Inlibc runnm  
?MAKE: -pick add \$@ %<  
?S:d\_dlopen:

?S: This variable conditionally defines the HAS\_DLOPEN symbol, which

?S: indicates to the C program that the dlopen() routine is available.

?S:.

?C:HAS\_DLOPEN :

?C: This symbol, if defined, indicates that the dlopen routine is

?C: available.

?C:.

?H:#\$d\_dlopen HAS\_DLOPEN /\*\*/

?H:.

?T: xxx\_runnm

?LINT:set d\_dlopen

?X: We don't permanently change runnm, but we do temporarily.

?LINT: change runnm

: see if dlopen exists

?X: On NetBSD and FreeBSD, dlopen is available, but it is in

?X: /usr/lib/crt0.o, not in any of the libraries. Therefore, do not

?X: use the nm extraction, but use a real compile and link test instead.

xxx\_runnm="\$runnm"

runnm=false

set dlopen d\_dlopen

eval \$inlibc

runnm="\$xxx\_runnm"

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_dlopen.U

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i\_netinettcp: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_netinettcp:

?S: This variable conditionally defines the I\_NETINET\_TCP symbol,

?S: and indicates whether a C program should include <netinet/tcp.h>.

?S:.

?C:I\_NETINET\_TCP:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <netinet/tcp.h>.

?C:.



?H:#\$i\_netinettcp I\_NETINET\_TCP /\*\*/

?H:.

?LINT:set i\_netinettcp

: see if netinet/tcp.h is available

set netinet/tcp.h i\_netinettcp

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_netinettcp.U

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?RCS: \$Id: d\_drand48\_r.U,v 0RCS:

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_drand48\_r drand48\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_stdlib extern\_C

?MAKE:-pick add \$@ %<

?S:d\_drand48\_r:

?S: This variable conditionally defines the HAS\_DRAND48\_R symbol,

?S: which indicates to the C program that the drand48\_r()

?S: routine is available.

?S:.

?S:drand48\_r\_proto:

?S: This variable encodes the prototype of drand48\_r.

?S: It is zero if d\_drand48\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_drand48\_r

?S: is defined.

?S:.

?C:HAS\_DRAND48\_R:

?C: This symbol, if defined, indicates that the drand48\_r routine

?C: is available to drand48 re-entrantly.

?C:.

?C:DRAND48\_R\_PROTO:

?C: This symbol encodes the prototype of drand48\_r.

?C: It is zero if d\_drand48\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_drand48\_r

?C: is defined.

?C:.

?H:#\$d\_drand48\_r HAS\_DRAND48\_R /\*\*/

?H:#define DRAND48\_R\_PROTO \$drand48\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_drand48\_r\_proto

```

: see if drand48_r exists
set drand48_r d_drand48_r
eval $inlibc
case "$d_drand48_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_stdlib stdlib.h"
case "$d_drand48_r_proto:$usethreads" in
":define") d_drand48_r_proto=define
set d_drand48_r_proto drand48_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_drand48_r_proto" in
define)
case "$drand48_r_proto" in
"|0) try='int drand48_r(struct drand48_data*, double*);'
./prochck "$extern_C $try" $hdrs && drand48_r_proto=I_ST ;;
esac
case "$drand48_r_proto" in
"|0) d_drand48_r=undef
drand48_r_proto=0
echo "Disabling drand48_r, cannot determine prototype." >&4 ;;
* ) case "$drand48_r_proto" in
REENTRANT_PROTO*) ;;
*) drand48_r_proto="REENTRANT_PROTO_$drand48_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "drand48_r has no prototype, not using it." >&4 ;;
esac
d_drand48_r=undef
drand48_r_proto=0
;;
esac
;;
*) drand48_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_drand48_r.U

```

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?RCS: \$Id: d\_getgrgid\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

```

?RCS:
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?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getgrgid_r getgrgid_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_grp extern_C
?MAKE: -pick add $@ %<
?S:d_getgrgid_r:
?S: This variable conditionally defines the HAS_GETGRGID_R symbol,
?S: which indicates to the C program that the getgrgid_r()
?S: routine is available.
?S:.
?S:getgrgid_r_proto:
?S: This variable encodes the prototype of getgrgid_r.
?S: It is zero if d_getgrgid_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrgid_r
?S: is defined.
?S:.
?C:HAS_GETGRGID_R:
?C: This symbol, if defined, indicates that the getgrgid_r routine
?C: is available to getgrgid re-entrantly.
?C:.
?C:GETGRGID_R_PROTO:
?C: This symbol encodes the prototype of getgrgid_r.
?C: It is zero if d_getgrgid_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrgid_r
?C: is defined.
?C:.
?H:#$d_getgrgid_r HAS_GETGRGID_R /**/
?H:#define GETGRGID_R_PROTO $getgrgid_r_proto /**/
?H:.
?T:try hdrs d_getgrgid_r_proto
: see if getgrgid_r exists
set getgrgid_r d_getgrgid_r
eval $inlibc
case "$d_getgrgid_r" in
"$define")
  hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"
  case "$d_getgrgid_r_proto:$usethreads" in
  ":define") d_getgrgid_r_proto=define
    set d_getgrgid_r_proto getgrgid_r $hdrs
    eval $hasproto ;;
  *) ;;
  esac
  case "$d_getgrgid_r_proto" in
  define)

```

```

case "$getgrgid_r_proto" in
"|0) try='int getgrgid_r(gid_t, struct group*, char*, size_t, struct group**);'
./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=L_TSBWR ;;
esac
case "$getgrgid_r_proto" in
"|0) try='int getgrgid_r(gid_t, struct group*, char*, int, struct group**);'
./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=L_TSBIR ;;
esac
case "$getgrgid_r_proto" in
"|0) try='int getgrgid_r(gid_t, struct group*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=L_TSBI ;;
esac
case "$getgrgid_r_proto" in
"|0) try='struct group* getgrgid_r(gid_t, struct group*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=S_TSBI ;;
esac
case "$getgrgid_r_proto" in
"|0) d_getgrgid_r=undef
getgrgid_r_proto=0
echo "Disabling getgrgid_r, cannot determine prototype." >&4 ;;
*) case "$getgrgid_r_proto" in
REENTRANT_PROTO*) ;;
*) getgrgid_r_proto="REENTRANT_PROTO_$getgrgid_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susethreads" in
define) echo "getgrgid_r has no prototype, not using it." >&4 ;;
esac
d_getgrgid_r=undef
getgrgid_r_proto=0
;;
esac
;;
*) getgrgid_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getgrgid_r.U
```

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?RCS:

```
?MAKE:ivdformat uvuformat uvoformat uvxformat uvXUformat \  
nvEUformat nvFUformat nvGUformat \  
nveformat nvffformat nvformat: \  
ivsize longsize intsize shortsize \  
sPRId64 sPRIu64 sPRIo64 sPRIx64 sPRIXU64 \  
uselongdouble d_longdbl usequadmath d_PRIgldbl \  
sPRIEUldbl sPRIFUldbl sPRIGUldbl sPRIeldbl sPRIfldbl sPRIgldbl \  
test echo
```

?MAKE: -pick add \$@ %<

?S:ivdformat:

?S: This variable contains the format string used for printing

?S: a Perl IV as a signed decimal integer.

?S:.

?S:uvuformat:

?S: This variable contains the format string used for printing

?S: a Perl UV as an unsigned decimal integer.

?S:.

?S:uvoformat:

?S: This variable contains the format string used for printing

?S: a Perl UV as an unsigned octal integer.

?S:.

?S:uvxformat:

?S: This variable contains the format string used for printing

?S: a Perl UV as an unsigned hexadecimal integer in lowercase abcdef.

?S:.

?S:uvXUformat:

?S: This variable contains the format string used for printing

?S: a Perl UV as an unsigned hexadecimal integer in uppercase ABCDEF.

?S:.

?S:nveformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %e-ish floating point format.

?S:.

?S:nvffformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %f-ish floating point format.

?S:.

?S:nvgformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %g-ish floating point format.

?S:.

?S:nvEUformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %E-ish floating point format.

?S:.

?S:nvFUformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %F-ish floating point format.

?S:.

?S:nvGUformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %G-ish floating point format.

?S:.

?C:IVdf:

?C: This symbol defines the format string used for printing a Perl IV

?C: as a signed decimal integer.

?C:.

?C:UVuf:

?C: This symbol defines the format string used for printing a Perl UV

?C: as an unsigned decimal integer.

?C:.

?C:UVof:

?C: This symbol defines the format string used for printing a Perl UV

?C: as an unsigned octal integer.

?C:.

?C:UVxf:

?C: This symbol defines the format string used for printing a Perl UV

?C: as an unsigned hexadecimal integer in lowercase abcdef.

?C:.

?C:UVXf:

?C: This symbol defines the format string used for printing a Perl UV

?C: as an unsigned hexadecimal integer in uppercase ABCDEF.

?C:.

?C:NVef:

?C: This symbol defines the format string used for printing a Perl NV

?C: using %e-ish floating point format.

?C:.

?C:NVff:

?C: This symbol defines the format string used for printing a Perl NV

?C: using %f-ish floating point format.

?C:.

?C:NVgf:

?C: This symbol defines the format string used for printing a Perl NV

?C: using %g-ish floating point format.

?C:.

?C:NVEf:

?C: This symbol defines the format string used for printing a Perl NV

?C: using %E-ish floating point format.

?C:.

?C:NVff:

?C: This symbol defines the format string used for printing a Perl NV

?C: using %F-ish floating point format.

?C:.

?C:NVGf:

?C: This symbol defines the format string used for printing a Perl NV

?C: using %G-ish floating point format.

?C:.

?H:#define IVdf \$ivdformat /\*\*/

?H:#define UVuf \$uvuformat /\*\*/

?H:#define UVof \$uvoformat /\*\*/

?H:#define UVxf \$uvxformat /\*\*/

?H:#define UVXf \$uvXUformat /\*\*/

?H:#define NVef \$nveformat /\*\*/

?H:#define NVff \$nvffformat /\*\*/

?H:#define NVgf \$nvgformat /\*\*/

?H:#define NVEf \$nvEUformat /\*\*/

?H:#define NVFf \$nvFUformat /\*\*/

?H:#define NVGf \$nvGUformat /\*\*/

?H:.

: Check format strings for internal types

echo " "

\$echo "Checking the format strings to be used for Perl's internal types..." >&4

```
if $test X"$ivsize" = X8; then
```

```
  ivdformat="$sPRId64"
```

```
  uvuformat="$sPRU64"
```

```
  uvoformat="$sPRIo64"
```

```
  uvxformat="$sPRIx64"
```

```
  uvXUformat="$sPRIXU64"
```

```
else
```

```
  if $test X"$ivsize" = X"$longsize"; then
```

```
    ivdformat="ld"
```

```
    uvuformat="lu"
```

```
    uvoformat="lo"
```

```
    uvxformat="lx"
```

```
    uvXUformat="lX"
```

```
  else
```

```
    if $test X"$ivsize" = X"$intsize"; then
```

```
      ivdformat="d"
```

```
      uvuformat="u"
```

```
      uvoformat="o"
```

```
      uvxformat="x"
```

```
      uvXUformat="X"
```

```
  else
```

```
    : far out
```

```
    if $test X"$ivsize" = X"$shortsize"; then
```

```
      ivdformat="hd"
```

```
      uvuformat="hu"
```

```
      uvoformat="ho"
```

```
      uvxformat="hx"
```

```
      uvXUformat="hX"
```

```

fi
fi
fi
fi

if $test X"$Susequadmath" = X"$define"; then
  nveformat="Qe"
  nvffformat="Qf"
  nvgformat="Qg"
  nvEUformat="QE"
  nvFUformat="QF"
  nvGUformat="QG"
else
  if $test X"$Suselongdouble" = X"$define" -a X"$d_longdbl" = X"$define" -a X"$d_PRIgldbl" = X"$define"; then
    nveformat="$sPRIeldbl"
    nvffformat="$sPRIfldbl"
    nvgformat="$sPRIgldbl"
    nvEUformat="$sPRIEUdbl"
    nvFUformat="$sPRIFUdbl"
    nvGUformat="$sPRIGUdbl"
  else
    nveformat="e"
    nvffformat="f"
    nvgformat="g"
    nvEUformat="E"
    nvFUformat="F"
    nvGUformat="G"
  fi
fi

case "$ivdformat" in
) echo "$0: Fatal: failed to find format strings, cannot continue." >&4
  exit 1
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perlxf.U
```

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```
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: End.U,v $
?RCS: Revision 3.0 1993/08/18 12:04:51 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit serves as the goal which forces make to choose all the units that
?X: ask questions. The $W on the ?MAKE: line is the list of all symbols wanted.
?X: To force any unit to be included, copy this unit to your private U directory
?X: and add the name of the unit desired to the ?MAKE: dependency line.
?X:
?MAKE:End: $W
?MAKE: -pick add $@ %<
?LINT:use $W
: end of configuration questions
echo " "
echo "End of configuration questions."
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/End.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_lstat.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_lstat.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:28 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_lstat: Inlibc
?MAKE: -pick add $@ %<
?S:d_lstat:
?S: This variable conditionally defines HAS_LSTAT if lstat() is
?S: available to do file stats on symbolic links.
?S:
?C:HAS_LSTAT (LSTAT):
?C: This symbol, if defined, indicates that the lstat routine is
?C: available to do file stats on symbolic links.
```

```
?C:
?H:#$d_lstat HAS_LSTAT /**/
?H:
?LINT:set d_lstat
: see if lstat exists
set lstat d_lstat
eval $inlibc
```

Found in path(s):

```
*/opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_lstat.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_attribut.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_attribut.U,v $
?RCS: Revision 3.0.1.3 1995/01/30 14:33:45 ram
?RCS: patch49: test C program now includes <stdio.h> (WED)
?RCS:
?RCS: Revision 3.0.1.2 1995/01/11 15:25:47 ram
?RCS: patch45: fixed typo in the d_attribut variable (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:08:55 ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_attribute_deprecated d_attribute_format d_attribute_malloc \
d_attribute_nonnull d_attribute_noreturn d_attribute_pure \
d_attribute_unused d_attribute_warn_unused_result \
d_printf_format_null: \
    Myread Oldconfig cat cc ccflags rm Setvar contains i_stdlib run \
    i_inttypes
?MAKE: -pick add $@ %<
?S:d_attribute_format:
?S: This variable conditionally defines HASATTRIBUTE_FORMAT, which
?S: indicates the C compiler can check for printf-like formats.
?S:
?S:d_attribute_deprecated:
?S: This variable conditionally defines HASATTRIBUTE_DEPRECATED, which
```

?S: indicates that GCC can handle the attribute for marking deprecated  
?S: APIs  
?S:.  
?S:d\_printf\_format\_null:  
?S: This variable conditionally defines PRINTF\_FORMAT\_NULL\_OK, which  
?S: indicates the C compiler allows printf-like formats to be null.  
?S:.  
?S:d\_attribute\_malloc:  
?S: This variable conditionally defines HASATTRIBUTE\_MALLOC, which  
?S: indicates the C compiler can understand functions as having  
?S: malloc-like semantics.  
?S:.  
?S:d\_attribute\_nonnull:  
?S: This variable conditionally defines HASATTRIBUTE\_NONNULL, which  
?S: indicates that the C compiler can know that certain arguments  
?S: must not be NULL, and will check accordingly at compile time.  
?S:.  
?S:d\_attribute\_noreturn:  
?S: This variable conditionally defines HASATTRIBUTE\_NORETURN, which  
?S: indicates that the C compiler can know that certain functions  
?S: are guaranteed never to return.  
?S:.  
?S:d\_attribute\_pure:  
?S: This variable conditionally defines HASATTRIBUTE\_PURE, which  
?S: indicates that the C compiler can know that certain functions  
?S: are "pure" functions, meaning that they have no side effects, and  
?S: only rely on function input and/or global data for their results.  
?S:.  
?S:d\_attribute\_unused:  
?S: This variable conditionally defines HASATTRIBUTE\_UNUSED, which  
?S: indicates that the C compiler can know that certain variables  
?S: and arguments may not always be used, and to not throw warnings  
?S: if they don't get used.  
?S:.  
?S:d\_attribute\_warn\_unused\_result:  
?S: This variable conditionally defines  
?S: HASATTRIBUTE\_WARN\_UNUSED\_RESULT, which indicates that the C  
?S: compiler can know that certain functions have a return values  
?S: that must not be ignored, such as malloc() or open().  
?S:.  
?C:HASATTRIBUTE\_FORMAT ~ %< (GNU\_ATTRIBUTE\_CHECK):  
?C: Can we handle GCC attribute for checking printf-style formats  
?C:.  
?C:PRINTF\_FORMAT\_NULL\_OK:  
?C: Allows \_\_printf\_\_ format to be null when checking printf-style  
?C:.  
?C:HASATTRIBUTE\_MALLOC:  
?C: Can we handle GCC attribute for malloc-style functions.

```

?C:.
?C:HASATTRIBUTE_NONNULL:
?C: Can we handle GCC attribute for nonnull function parms.
?C:.
?C:HASATTRIBUTE_NORETURN:
?C: Can we handle GCC attribute for functions that do not return
?C:.
?C:HASATTRIBUTE_PURE:
?C: Can we handle GCC attribute for pure functions
?C:.
?C:HASATTRIBUTE_UNUSED:
?C: Can we handle GCC attribute for unused variables and arguments
?C:.
?C:HASATTRIBUTE_DEPRECATED:
?C: Can we handle GCC attribute for marking deprecated APIs
?C:.
?C:HASATTRIBUTE_WARN_UNUSED_RESULT ~ %< (HASATTRIBUTE):
?C: Can we handle GCC attribute for warning on unused results
?C:.
?H:?%<:#$d_attribute_deprecated HASATTRIBUTE_DEPRECATED /**/
?H:?%<:#$d_attribute_format HASATTRIBUTE_FORMAT /**/
?H:?%<:#$d_printf_format_null PRINTF_FORMAT_NULL_OK /**/
?H:?%<:#$d_attribute_noreturn HASATTRIBUTE_NORETURN /**/
?H:?%<:#$d_attribute_malloc HASATTRIBUTE_MALLOC /**/
?H:?%<:#$d_attribute_nonnull HASATTRIBUTE_NONNULL /**/
?H:?%<:#$d_attribute_pure HASATTRIBUTE_PURE /**/
?H:?%<:#$d_attribute_unused HASATTRIBUTE_UNUSED /**/
?H:?%<:#$d_attribute_warn_unused_result HASATTRIBUTE_WARN_UNUSED_RESULT /**/
?H:.
?F:!attrib !attrib.out !attrib.c
?LINT:set d_attribute_deprecated
?LINT:set d_attribute_format
?LINT:set d_printf_format_null
?LINT:set d_attribute_malloc
?LINT:set d_attribute_nonnull
?LINT:set d_attribute_noreturn
?LINT:set d_attribute_pure
?LINT:set d_attribute_unused
?LINT:set d_attribute_warn_unused_result
: Look for GCC-style attribute format
case "$d_attribute_format" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((format)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
void my_special_printf(char* pat,...) __attribute__((__format__((__printf__,1,2))));
EOCP

```

```

if $cc $cflags -c attrib.c >attrib.out 2>&1 ; then
if $contains 'warning' attrib.out >/dev/null 2>&1; then
  echo "Your C compiler doesn't support __attribute__((format))."
  val="$undef"
else
  echo "Your C compiler supports __attribute__((format))."
  val="$define"
fi
else
  echo "Your C compiler doesn't seem to understand __attribute__ at all."
  val="$undef"
fi
;;
*) val="$d_attribute_format" ;;
esac
set d_attribute_format
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute format with null format allowed
case "$d_printf_format_null" in
") case "$d_attribute_format" in
  $define)
  echo " "
  echo "Checking whether your compiler allows __printf__ format to be null ..." >&4
$cat >attrib.c <<EOCP
#include <stdio.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#ifdef I_INTTYPES
#include <inttypes.h>
#endif
#ifdef INTPTR_MAX
#define intptr_t int
#endif
int null_printf (char* pat,...) __attribute__((__format__(__printf__,1,2)));
int null_printf (char* pat,...) { return (int)(intptr_t)pat; }
int main () { exit(null_printf(NULL)); }
EOCP
if $cc $cflags -o attrib attrib.c >attrib.out 2>&1 ; then
  : run the executable in case it produces a run-time warning
  if $run ./attrib >>attrib.out 2>&1; then
  if $contains 'warning' attrib.out >/dev/null 2>&1; then
    echo "Your C compiler doesn't allow __printf__ format to be null."
    val="$undef"

```

```

else
    echo "Your C compiler allows __printf__ format to be null."
    val="$define"
fi
else
    echo "Your C compiler executable failed with __printf__ format null."
    val="$undef"
fi
else
    echo "Your C compiler fails with __printf__ format null."
    val="$undef"
fi
;;
*) val="$undef" ;;
esac
;;
*) val="$d_printf_format_null" ;;
esac
set d_printf_format_null
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute malloc
case "$d_attribute_malloc" in
")
    echo " "
    echo "Checking whether your compiler can handle __attribute__((malloc)) ..." >&4
    $cat >attrib.c <<'EOCP'
    #include <stdio.h>
    char *go_get_some_memory( int how_many_bytes ) __attribute__((malloc));
    EOCP
    if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
    if $contains 'warning' attrib.out >/dev/null 2>&1; then
        echo "Your C compiler doesn't support __attribute__((malloc))."
        val="$undef"
    else
        echo "Your C compiler supports __attribute__((malloc))."
        val="$define"
    fi
else
    echo "Your C compiler doesn't seem to understand __attribute__ at all."
    val="$undef"
fi
;;
*) val="$d_attribute_malloc" ;;
esac
set d_attribute_malloc
eval $setvar

```

```
$rm -f attrib*
```

```
: Look for GCC-style attribute nonnull
```

```
case "$d_attribute_nonnull" in
```

```
)
```

```
echo " "
```

```
echo "Checking whether your compiler can handle __attribute__((nonnull(1))) ..." >&4
```

```
$cat >attrib.c <<'EOCP'
```

```
#include <stdio.h>
```

```
void do_something (char *some_pointer,...) __attribute__((nonnull(1)));
```

```
EOCP
```

```
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
```

```
if $contains 'warning' attrib.out >/dev/null 2>&1 ; then
```

```
echo "Your C compiler doesn't support __attribute__((nonnull))."
```

```
val="$undef"
```

```
else
```

```
echo "Your C compiler supports __attribute__((nonnull))."
```

```
val="$define"
```

```
fi
```

```
else
```

```
echo "Your C compiler doesn't seem to understand __attribute__ at all."
```

```
val="$undef"
```

```
fi
```

```
::
```

```
*) val="$d_attribute_nonnull" ;;
```

```
esac
```

```
set d_attribute_nonnull
```

```
eval $setvar
```

```
$rm -f attrib*
```

```
: Look for GCC-style attribute noreturn
```

```
case "$d_attribute_noreturn" in
```

```
)
```

```
echo " "
```

```
echo "Checking whether your compiler can handle __attribute__((noreturn)) ..." >&4
```

```
$cat >attrib.c <<'EOCP'
```

```
#include <stdio.h>
```

```
void fall_over_dead( void ) __attribute__((noreturn));
```

```
EOCP
```

```
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
```

```
if $contains 'warning' attrib.out >/dev/null 2>&1 ; then
```

```
echo "Your C compiler doesn't support __attribute__((noreturn))."
```

```
val="$undef"
```

```
else
```

```
echo "Your C compiler supports __attribute__((noreturn))."
```

```
val="$define"
```

```
fi
```

```
else
```

```

echo "Your C compiler doesn't seem to understand __attribute__ at all."
val="$undef"
fi
;;
*) val="$d_attribute_noreturn" ;;
esac
set d_attribute_noreturn
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute pure
case "$d_attribute_pure" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((pure)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
int square( int n ) __attribute__((pure));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
if $contains 'warning' attrib.out >/dev/null 2>&1 ; then
echo "Your C compiler doesn't support __attribute__((pure))."
val="$undef"
else
echo "Your C compiler supports __attribute__((pure))."
val="$define"
fi
else
echo "Your C compiler doesn't seem to understand __attribute__ at all."
val="$undef"
fi
;;
*) val="$d_attribute_pure" ;;
esac
set d_attribute_pure
eval $setvar
$rm -f attrib*

```

```

: Look for GCC-style attribute unused
case "$d_attribute_unused" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((unused)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
int do_something( int dummy __attribute__((unused)), int n );
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then

```



```

if $contains 'warning' attrib.out >/dev/null 2>&1; then
    echo "Your C compiler doesn't support __attribute__((unused))."
    val="$undef"
else
    echo "Your C compiler supports __attribute__((unused))."
    val="$define"
fi
else
    echo "Your C compiler doesn't seem to understand __attribute__ at all."
    val="$undef"
fi
;;
*) val="$d_attribute_unused" ;;
esac
set d_attribute_unused
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute deprecated
case "$d_attribute_deprecated" in
")
    echo " "
    echo "Checking whether your compiler can handle __attribute__((deprecated)) ..." >&4
    $cat >attrib.c <<'EOCP'
    #include <stdio.h>
    int I_am_deprecated(void) __attribute__((deprecated));
    EOCP
    if $cc $ccflags -c attrib.c >attrib.out 2>&1; then
        if $contains 'warning' attrib.out >/dev/null 2>&1; then
            echo "Your C compiler doesn't support __attribute__((deprecated))."
            val="$undef"
        else
            echo "Your C compiler supports __attribute__((deprecated))."
            val="$define"
        fi
    else
        echo "Your C compiler doesn't seem to understand __attribute__ at all."
        val="$undef"
    fi
    ;;
*) val="$d_attribute_deprecated" ;;
esac
set d_attribute_deprecated
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute warn_unused_result
case "$d_attribute_warn_unused_result" in

```

```

")
echo " "
echo "Checking whether your compiler can handle __attribute__((warn_unused_result)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
int I_will_not_be_ignored(void) __attribute__((warn_unused_result));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
if $contains 'warning' attrib.out >/dev/null 2>&1; then
echo "Your C compiler doesn't support __attribute__((warn_unused_result))."
val="$undef"
else
echo "Your C compiler supports __attribute__((warn_unused_result))."
val="$define"
fi
else
echo "Your C compiler doesn't seem to understand __attribute__ at all."
val="$undef"
fi
;;
*) val="$d_attribute_warn_unused_result" ;;
esac
set d_attribute_warn_unused_result
eval $setvar
$rm -f attrib*

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_attribut.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: privlib.U,v 3.1 1999/07/08 18:32:29 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: privlib.U,v \$

?RCS: Revision 3.1 1999/07/08 18:32:29 doughera

?RCS: Updated for perl5.005\_5x

?RCS:

?RCS: Revision 3.0.1.4 1995/09/25 09:17:09 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:  
?RCS: Revision 3.0.1.3 1995/01/30 14:44:23 ram  
?RCS: patch49: can now handle installation prefix changes (from WED)  
?RCS:  
?RCS: Revision 3.0.1.2 1994/08/29 16:31:52 ram  
?RCS: patch32: now uses installation prefix  
?RCS:  
?RCS: Revision 3.0.1.1 1993/09/13 16:12:34 ram  
?RCS: patch10: added support for /local/lib (WED)  
?RCS: patch10: prompt phrasing made more explicit (WED)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:35 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:privlib privlibexp installprivlib: package cat Getfile Oldconfig \  
Setprefixvar Prefixit version installstyle binexp  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?D:privlib="  
?S:privlib:  
?S: This variable contains the eventual value of the PRIVLIB symbol,  
?S: which is the name of the private library for this package. It may  
?S: have a ~ on the front. It is up to the makefile to eventually create  
?S: this directory while performing installation (with ~ substitution).  
?S:.  
?D:privlibexp="  
?S:privlibexp:  
?S: This variable is the ~name expanded version of privlib, so that you  
?S: may use it directly in Makefiles or shell scripts.  
?S:.  
?D:installprivlib="  
?S:installprivlib:  
?S: This variable is really the same as privlibexp but may differ on  
?S: those systems using AFS. For extra portability, only this variable  
?S: should be used in makefiles.  
?S:.  
?C:PRIVLIB:  
?C: This symbol contains the name of the private library for this package.  
?C: The library is private in the sense that it needn't be in anyone's  
?C: execution path, but it should be accessible by the world. The program  
?C: should be prepared to do ~ expansion.  
?C:.  
?C:PRIVLIB\_EXP:  
?C: This symbol contains the ~name expanded version of PRIVLIB, to be used  
?C: in programs that are not prepared to deal with ~ expansion at run-time.  
?C:.  
?H:#define PRIVLIB "\$privlib" /\*\*/  
?H:#define PRIVLIB\_EXP "\$privlibexp" /\*\*/

```

?H:
?LINT:change prefixvar
?LINT:set installprivlib
?LINT:set privlib
?LINT:set privlibexp
: determine where private library files go
: Usual default is /usr/local/lib/perl5/$version.
: Also allow things like /opt/perl/lib/$version, since
: /opt/perl/lib/perl5... would be redundant.
: The default "style" setting is made in installstyle.U
case "$installstyle" in
*lib/perl5*) set dflt privlib lib/$package/$version ;;
*) set dflt privlib lib/$version ;;
esac
eval $prefixit
$cat <<EOM

```

There are some auxiliary files for \$package that need to be put into a private library directory that is accessible by everyone.

```

EOM
?X: Force dependency on bin.U
fn=$binexp
fn=d~+
rp='Pathname where the private library files will reside?'
./getfile
prefixvar=privlib
./setprefixvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/privlib.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_getgrent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getgrent_r getgrent_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_grp extern_C
?MAKE: -pick add $@ %<
?S:d_getgrent_r:
?S: This variable conditionally defines the HAS_GETGRENT_R symbol,
?S: which indicates to the C program that the getgrent_r()

```

?S: routine is available.

?S:.

?S:getgrent\_r\_proto:

?S: This variable encodes the prototype of getgrent\_r.

?S: It is zero if d\_getgrent\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getgrent\_r

?S: is defined.

?S:.

?C:HAS\_GETGRENT\_R:

?C: This symbol, if defined, indicates that the getgrent\_r routine

?C: is available to getgrent re-entrantly.

?C:.

?C:GETGRENT\_R\_PROTO:

?C: This symbol encodes the prototype of getgrent\_r.

?C: It is zero if d\_getgrent\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getgrent\_r

?C: is defined.

?C:.

?H:#\$d\_getgrent\_r HAS\_GETGRENT\_R /\*\*/

?H:#define GETGRENT\_R\_PROTO \$getgrent\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_getgrent\_r\_proto

: see if getgrent\_r exists

set getgrent\_r d\_getgrent\_r

eval \$inlibc

case "\$d\_getgrent\_r" in

"\$define")

hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_grp grp.h"

case "\$d\_getgrent\_r\_proto:\$usetthreads" in

":define") d\_getgrent\_r\_proto=define

set d\_getgrent\_r\_proto getgrent\_r \$hdrs

eval \$hasproto ;;

\*) ;;

esac

case "\$d\_getgrent\_r\_proto" in

define)

case "\$getgrent\_r\_proto" in

"|0) try='int getgrent\_r(struct group\*, char\*, size\_t, struct group\*\*);'

./protochk "\$extern\_C \$try" \$hdrs && getgrent\_r\_proto=I\_SBWR ;;

esac

case "\$getgrent\_r\_proto" in

"|0) try='int getgrent\_r(struct group\*, char\*, int, struct group\*\*);'

./protochk "\$extern\_C \$try" \$hdrs && getgrent\_r\_proto=I\_SBIR ;;

esac

case "\$getgrent\_r\_proto" in

"|0) try='struct group\* getgrent\_r(struct group\*, char\*, size\_t);'

./protochk "\$extern\_C \$try" \$hdrs && getgrent\_r\_proto=S\_SBW ;;

esac

```

case "$getgrent_r_proto" in
"|0) try='struct group* getgrent_r(struct group*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrent_r_proto=S_SBI ;;
esac
case "$getgrent_r_proto" in
"|0) try='int getgrent_r(struct group*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrent_r_proto=I_SBI ;;
esac
case "$getgrent_r_proto" in
"|0) try='int getgrent_r(struct group*, char*, int, FILE**);'
./protochk "$extern_C $try" $hdrs && getgrent_r_proto=I_SBIH ;;
esac
case "$getgrent_r_proto" in
"|0) d_getgrent_r=undef
getgrent_r_proto=0
echo "Disabling getgrent_r, cannot determine prototype." >&4 ;;
*) case "$getgrent_r_proto" in
REENTRANT_PROTO*) ;;
*) getgrent_r_proto="REENTRANT_PROTO_$getgrent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susethreads" in
define) echo "getgrent_r has no prototype, not using it." >&4 ;;
esac
d_getgrent_r=undef
getgrent_r_proto=0
;;
esac
;;
*) getgrent_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getgrent_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_gconvert.U,v 3.0.1.3 1997/02/28 15:33:38 ram Exp \$

?RCS:

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?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d\_gconvert.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:33:38 ram

?RCS: patch61: integrated new unit from perl5

?RCS:

?RCS: Revision 3.0.1.2 1995/07/25 13:55:59 ram

?RCS: patch56: improved comments about the Gconvert macro (ADO)

?RCS: patch56: force compile-link test since it may exist but be unusable (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:12:51 ram

?RCS: patch36: created by ADO

?RCS:

?MAKE:d\_Gconvert: \  
 Compile cat Inlibc rm \_o rm\_try i\_stdlib d\_qgcvt run \  
 uselongdouble d\_longdbl d\_PRIgldbl sPRIgldbl

?MAKE: -pick add \$@ %<

?S:d\_Gconvert:

?S: This variable holds what Gconvert is defined as to convert  
 ?S: floating point numbers into strings. By default, Configure  
 ?S: sets this macro to use the first of gconvert, gcvt, or sprintf  
 ?S: that pass sprintf-%g-like behavior tests. If perl is using  
 ?S: long doubles, the macro uses the first of the following  
 ?S: functions that pass Configure's tests: qgcvt, sprintf (if  
 ?S: Configure knows how to make sprintf format long doubles--see  
 ?S: sPRIgldbl), gconvert, gcvt, and sprintf (casting to double).  
 ?S: The gconvert\_preference and gconvert\_ld\_preference variables  
 ?S: can be used to alter Configure's preferences, for doubles and  
 ?S: long doubles, respectively. If present, they contain a  
 ?S: space-separated list of one or more of the above function  
 ?S: names in the order they should be tried.

?S:

?S: d\_Gconvert may be set to override Configure with a platform-  
 ?S: specific function. If this function expects a double, a  
 ?S: different value may need to be set by the uselongdouble.cbu  
 ?S: call-back unit so that long doubles can be formatted without  
 ?S: loss of precision.

?S:.

?C:Gconvert:

?C: This preprocessor macro is defined to convert a floating point  
 ?C: number to a string without a trailing decimal point. This  
 ?C: emulates the behavior of sprintf("%g"), but is sometimes much more  
 ?C: efficient. If gconvert() is not available, but gcvt() drops the  
 ?C: trailing decimal point, then gcvt() is used. If all else fails,  
 ?C: a macro using sprintf("%g") is used. Arguments for the Gconvert  
 ?C: macro are: value, number of digits, whether trailing zeros should

```

?C: be retained, and the output buffer.
?C: The usual values are:
?C: d_Gconvert='gconvert((x),(n),(t),(b))'
?C: d_Gconvert='gcvrt((x),(n),(b))'
?C: d_Gconvert='sprintf((b),"%.*g",(n),(x))'
?C: The last two assume trailing zeros should not be kept.
?C:.
?H:#define Gconvert(x,n,t,b) $d_Gconvert
?H:.
?T: xxx_list xxx_convert xxx_ld_list
?F:!try
?LINT:extern gconvert_preference
?LINT:extern gconvert_ld_preference
: Check how to convert floats to strings.

if test "X$d_Gconvert" = X; then

echo " "
echo "Checking for an efficient way to convert floats to strings."
echo " " > try.c
case "$uselongdouble" in
"$define") echo "#define USE_LONG_DOUBLE" >>try.c ;;
esac
case "$d_longdbl" in
"$define") echo "#define HAS_LONG_DOUBLE" >>try.c ;;
esac
case "$d_PRIgdbl" in
"$define") echo "#define HAS_PRIgdbl" >>try.c ;;
esac
$cat >>try.c <<EOP
#ifdef TRY_gconvert
#define Gconvert(x,n,t,b) gconvert((x),(n),(t),(b))
char *myname = "gconvert";
#endif
#ifdef TRY_gcvt
#define Gconvert(x,n,t,b) gcvt((x),(n),(b))
char *myname = "gcvt";
#endif
#ifdef TRY_qgcvt
#define Gconvert(x,n,t,b) qgcvt((x),(n),(b))
char *myname = "qgcvt";
#define DOUBLETYPENAME long double
#endif
#ifdef TRY_sprintf
#if defined(USE_LONG_DOUBLE) && defined(HAS_LONG_DOUBLE)
#ifdef HAS_PRIgdbl
#define Gconvert(x,n,t,b) sprintf((b),"%.*"$sPRIgdbl,(n),(x))
#else

```



```

#define Gconvert(x,n,t,b) sprintf((b),"%.*g",n),(double)(x))
#endif
#else
#define Gconvert(x,n,t,b) sprintf((b),"%.*g",n),(x)
#endif
char *myname = "sprintf";
#endif

#ifndef DOUBLETYPED
#if defined(USE_LONG_DOUBLE) && defined(HAS_LONG_DOUBLE)
#define DOUBLETYPED long double
#else
#define DOUBLETYPED double
#endif
#endif

#include <stdio.h>

#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <string.h>

int checkit(char *expect, char *got)
{
    if (strcmp(expect, got)) {
        printf("%s oddity: Expected %s, got %s\n",
            myname, expect, got);
        exit(1);
    }
}

int main()
{
    char buf[64];
    buf[63] = '\0';

    /* This must be 1st test on (which?) platform */
    /* Alan Burlison <AlanBurlison@unn.unisys.com> */
    Gconvert((DOUBLETYPED)0.1, 8, 0, buf);
    checkit("0.1", buf);

    Gconvert((DOUBLETYPED)0.01, 8, 0, buf);
    checkit("0.01", buf);

    Gconvert((DOUBLETYPED)0.001, 8, 0, buf);
    checkit("0.001", buf);
}

```

```
Gconvert((DOUBLETYP)0.0001, 8, 0, buf);
checkit("0.0001", buf);

Gconvert((DOUBLETYP)0.00009, 8, 0, buf);
if (strlen(buf) > 5)
    checkit("9e-005", buf); /* for Microsoft ?? */
else
    checkit("9e-05", buf);

Gconvert((DOUBLETYP)1.0, 8, 0, buf);
checkit("1", buf);

Gconvert((DOUBLETYP)1.1, 8, 0, buf);
checkit("1.1", buf);

Gconvert((DOUBLETYP)1.01, 8, 0, buf);
checkit("1.01", buf);

Gconvert((DOUBLETYP)1.001, 8, 0, buf);
checkit("1.001", buf);

Gconvert((DOUBLETYP)1.0001, 8, 0, buf);
checkit("1.0001", buf);

Gconvert((DOUBLETYP)1.00001, 8, 0, buf);
checkit("1.00001", buf);

Gconvert((DOUBLETYP)1.000001, 8, 0, buf);
checkit("1.000001", buf);

Gconvert((DOUBLETYP)0.0, 8, 0, buf);
checkit("0", buf);

Gconvert((DOUBLETYP)-1.0, 8, 0, buf);
checkit("-1", buf);

/* Some Linux gcvt's give 1.e+5 here. */
Gconvert((DOUBLETYP)100000.0, 8, 0, buf);
checkit("100000", buf);

/* Some Linux gcvt's give -1.e+5 here. */
Gconvert((DOUBLETYP)-100000.0, 8, 0, buf);
checkit("-100000", buf);

Gconvert((DOUBLETYP)123.456, 8, 0, buf);
checkit("123.456", buf);
```

```

/* Testing of 1e+129 in bigintpm.t must not get extra '!' here. */
Gconvert((DOUBLETTYPE)1e34, 8, 0, buf);
/* 34 should be enough to scare even long double
* places into using the e notation. */
if (strlen(buf) > 5)
    checkit("1e+034", buf); /* for Microsoft */
else
    checkit("1e+34", buf);

/* For Perl, if you add additional tests here, also add them to
* t/base/num.t for benefit of platforms not using Configure or
* overriding d_Gconvert */

exit(0);
}
EOP
?X: List of order in which to search for functions.
?X: Usual order of efficiency is gconvert gcvt sprintf
?X: If a hint file sets a d_Gconvert="gconvert" or "gcvt" or "sprintf",
?X: then that is taken as a hint for which function to try first.
?X: (e.g. that function may be in a problematic /usr/ucblib library, and
?X: the user may or may not choose to use -lucb stuff.)
?X: Any other hint file (or previous config.sh) setting is left intact.
: first add preferred functions to our list
xxx_list=""
for xxx_convert in $gconvert_preference; do
    case $xxx_convert in
        gcvt|gconvert|sprintf) xxx_list="$xxx_list $xxx_convert" ;;
        *) echo "Discarding unrecognized gconvert_preference $xxx_convert" >&4 ;;
    esac
done
: then add any others
for xxx_convert in gconvert gcvt sprintf; do
    case "$xxx_list" in
        *$xxx_convert*) ;;
        *) xxx_list="$xxx_list $xxx_convert" ;;
    esac
done

case "$d_longdbl$uselongdouble" in
"$define$define")
: again, add preferred functions to our list first
xxx_ld_list=""
for xxx_convert in $gconvert_ld_preference; do
    case $xxx_convert in
        qgcvt|gcvt|gconvert|sprintf) xxx_ld_list="$xxx_ld_list $xxx_convert" ;;
        *) echo "Discarding unrecognized gconvert_ld_preference $xxx_convert" ;;
    esac

```

```

done
: then add qgcvt, printf--then, in xxx_list order, gconvert and gcvt
for xxx_convert in qgcvt printf $xxx_list; do
    case "$xxx_ld_list" in
        $xxx_convert*|*" $xxx_convert"*) ;;
        *) xxx_ld_list="$xxx_ld_list $xxx_convert" ;;
    esac
done
: if printf cannot do long doubles, move it to the end
if test "$d_PRIgdbl" != "$define"; then
    xxx_ld_list="`echo $xxx_ld_list|sed s/sprintf/^ printf`"
fi
: if no qgcvt, remove it
if test "$d_qgcvt" != "$define"; then
    xxx_ld_list="`echo $xxx_ld_list|sed s/qgcvt/`"
fi
: use the ld_list
xxx_list="$xxx_ld_list"
;;
esac

for xxx_convert in $xxx_list; do
    echo "Trying $xxx_convert..."
    ?X: Do NOT use $rm_try here, as we need to keep try.c
    $rm -f try try$_o core
    set try -DTRY_$xxx_convert
    if eval $compile; then
        echo "$xxx_convert() found." >&4
        if $run ./try; then
            echo "I'll use $xxx_convert to convert floats into a string." >&4
            break;
        else
            echo "...But $xxx_convert didn't work as I expected."
            xxx_convert="
        fi
    else
        echo "$xxx_convert NOT found." >&4
    fi
done

if test X$xxx_convert = X; then
    echo "*** WHOA THERE!!! ***" >&4
    echo "None of ($xxx_list) seemed to work properly. I'll use printf." >&4
    xxx_convert=printf
fi

case "$xxx_convert" in
    gconvert) d_Gconvert='gconvert((x),(n),(t),(b))' ;;

```

```

gcvt) d_Gconvert='gcvt((x),(n),(b))' ;;
qgcvt) d_Gconvert='qgcvt((x),(n),(b))' ;;
*) case "$uselongdouble$d_longdbl$d_PRIgldbl" in
"$define$define$define")
    d_Gconvert="sprintf((b),\"%. *\"$sPRIgldbl,(n),(x))" ;;
"$define$define$undef")
    d_Gconvert='sprintf((b),\"%. *g\",(n),(double)(x))' ;;
*) d_Gconvert='sprintf((b),\"%. *g\",(n),(x))' ;;
esac
;;
esac

fi
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_gconvert.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_stdlib.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_stdlib.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:27 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_stdlib: Nothing
?MAKE: -pick add $@ %<
?S:i_stdlib:
?S: This variable unconditionally defines the I_STDLIB symbol.
?S:.
?C:I_STDLIB:
?C: This symbol is always defined, indicating that <stdlib.h> exists
?C: and should be included.
?C:.
?H:#define I_STDLIB /**/
?H:.
: stub, used only to satisfy other units
i_stdlib='define'

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_stdlib.U
```

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?RCS:

?RCS: \$Log: cf\_email.U,v \$

?RCS: Revision 3.0.1.1 1994/01/24 14:05:06 ram

?RCS: patch16: created

?RCS:

?RCS:

?MAKE:cf\_email: cat cf\_by test myhostname mydomain Oldconfig Myread

?MAKE: -pick add \$@ %<

?S:cf\_email:

?S: Electronic mail address of the person who ran Configure. This can be

?S: used by units that require the user's e-mail, like MailList.U.

?S:.

?T:cont maildomain

?LINT:extern MAILDOMAIN

: determine the e-mail address of the user who is running us

\$cat <<EOM

I need to get your e-mail address in Internet format if possible, i.e. something like user@host.domain. Please answer accurately since I have no easy means to double check it. The default value provided below is most probably close to reality but may not be valid from outside your organization...

EOM

cont=x

while test "\$cont"; do

case "\$MAILDOMAIN" in

)

if \$test -s /etc/mailname; then

maildomain=`\$cat /etc/mailname`

else

maildomain="\$myhostname\$mydomain"

fi

::

```

*) maildomain="$MAILDOMAIN";
esac
case "$cf_email" in
") dflt="$cf_by@$maildomain";
*) dflt="$cf_email";
esac
rp='What is your e-mail address?'
./myread
cf_email="$ans"
case "$cf_email" in
* @* .*) cont=" ";
*)
rp='Address does not look like an Internet one. Use it anyway?'
case "$fastread" in
yes) dflt=y ;;
*) dflt=n ;;
esac
./myread
case "$ans" in
y*) cont=" ";
*) echo " " ;;
esac
;;
esac
done

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cf_email.U

```

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?RCS: \$Id: d\_sighold.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: d\_sighold.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:21 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_sighold: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_sighold:

?S: This variable conditionally defines HAS\_SIGHOLD if sighold() is

?S: available to hold signals.

?S:.

?C:HAS\_SIGHOLD:

?C: This symbol, if defined, indicates that the sighold routine is

?C: available to hold signals.

?C:.

?H:#\$d\_sighold HAS\_SIGHOLD /\*\*/

?H:.

?LINT:set d\_sighold

: see if sighold exists

set sighold d\_sighold

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_sighold.U

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?RCS:

?RCS: \$Log: d\_safebcpy.U,v \$

?RCS: Revision 3.0.1.4 1997/02/28 15:40:58 ram

?RCS: patch61: improved overlapping copy check

?RCS: patch61: comfort them if they have memmove

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.3 1995/07/25 13:58:40 ram

?RCS: patch56: re-arranged compile line to include ldflags before objects

?RCS:

?RCS: Revision 3.0.1.2 1995/01/11 15:29:23 ram

?RCS: patch45: added 'ldflags' to the test compile line (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 14:49:03 ram

?RCS: patch23: ensure string is not optimized in read-only memory (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:58 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_safebcpy: cat d\_bcopy +cc +optimize +ccflags +ldflags +libs rm \



```

d_memmove i_memory i_stdlib i_string i_unistd Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_safebcpy:
?S: This variable conditionally defines the HAS_SAFE_BCOPY symbol if
?S: the bcopy() routine can do overlapping copies.
?S:.
?C:HAS_SAFE_BCOPY (SAFE_BCOPY):
?C: This symbol, if defined, indicates that the bcopy routine is available
?C: to copy potentially overlapping memory blocks. Otherwise you should
?C: probably use memmove() or memcpy(). If neither is defined, roll your
?C: own version.
?C:.
?H:#$d_safebcpy HAS_SAFE_BCOPY /**/
?H:.
?F:!safebcpy
?LINT: set d_safebcpy
: can bcopy handle overlapping blocks?
?X: assume the worst
val="$undef"
case "$d_bcopy" in
"$define")
echo " "
echo "Checking to see if your bcopy() can do overlapping copies..." >&4
$cat >foo.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
$cat >>foo.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
# include <memory.h>
#endif
#ifdef I_STDLIB
# include <stdlib.h>
#endif
#ifdef I_STRING
# include <string.h>
#else
# include <strings.h>
#endif
#ifdef I_UNISTD
# include <unistd.h> /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];

```

```
char *b;
int len;
int off;
int align;
```

?X: Copy "abcde..." string to char abc[] so that gcc doesn't

?X: try to store the string in read-only memory.

```
bcopy("abcdefghijklmnopqrstuvwxy0123456789", abc, 36);
```

```
for (align = 7; align >= 0; align--) {
  for (len = 36; len; len--) {
    b = buf+align;
    bcopy(abc, b, len);
    for (off = 1; off <= len; off++) {
      bcopy(b, b+off, len);
      bcopy(b+off, b, len);
      if (bcmp(b, abc, len))
        exit(1);
    }
  }
}
exit(0);
}
```

EOCP

```
if $cc $optimize $ccflags $ldflags \
  -o safebcpy foo.c $libs >/dev/null 2>&1; then
if ./safebcpy 2>/dev/null; then
  echo "Yes, it can."
  val="$define"
else
  echo "It can't, sorry."
  case "$d_memmove" in
"$define") echo "But that's Ok since you have memmove()." ;;
esac
fi
else
  echo "(I can't compile the test program, so we'll assume not...)"
  case "$d_memmove" in
"$define") echo "But that's Ok since you have memmove()." ;;
esac
fi
;;
esac
$rm -f foo.* safebcpy core
set d_safebcpy
eval $setvar
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_safebcpy.U

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?RCS:

?RCS: \$Log: i\_grp.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:20 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_grp: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_grp:

?S: This variable conditionally defines the I\_GRP symbol, and indicates

?S: whether a C program should include <grp.h>.

?S:.

?C:I\_GRP:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <grp.h>.

?C:.

?H:#\$i\_grp I\_GRP /\*\*/

?H:.

?LINT:set i\_grp

: see if this is an grp system

set grp.h i\_grp

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_grp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getprotobyname\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

```

?MAKE:d_getprotobyname_r getprotobyname_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getprotobyname_r:
?S: This variable conditionally defines the HAS_GETPROTOBYNAME_R symbol,
?S: which indicates to the C program that the getprotobyname_r()
?S: routine is available.
?S:.
?S:getprotobyname_r_proto:
?S: This variable encodes the prototype of getprotobyname_r.
?S: It is zero if d_getprotobyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotobyname_r
?S: is defined.
?S:.
?C:HAS_GETPROTOBYNAME_R:
?C: This symbol, if defined, indicates that the getprotobyname_r routine
?C: is available to getprotobyname re-entrantly.
?C:.
?C:GETPROTOBYNAME_R_PROTO:
?C: This symbol encodes the prototype of getprotobyname_r.
?C: It is zero if d_getprotobyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotobyname_r
?C: is defined.
?C:.
?H:#$d_getprotobyname_r HAS_GETPROTOBYNAME_R /**/
?H:#define GETPROTOBYNAME_R_PROTO $getprotobyname_r_proto /**/
?H:.
?T:try hdrs d_getprotobyname_r_proto
: see if getprotobyname_r exists
set getprotobyname_r d_getprotobyname_r
eval $inlibc
case "$d_getprotobyname_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getprotobyname_r_proto:$usethreads" in
":define") d_getprotobyname_r_proto=define
set d_getprotobyname_r_proto getprotobyname_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getprotobyname_r_proto" in
define)
case "$getprotobyname_r_proto" in
"|0) try='int getprotobyname_r(const char*, struct protoent*, char*, size_t, struct protoent**);'
./protochk "$extern_C $try" $hdrs && getprotobyname_r_proto=I_CSBWR ;;
esac
case "$getprotobyname_r_proto" in
"|0) try='struct protoent* getprotobyname_r(const char*, struct protoent*, char*, int);'

```

```

./prochck "$extern_C $try" $hdrs && getprotobyname_r_proto=S_CSBI ;;
esac
case "$getprotobyname_r_proto" in
"|0) try='int getprotobyname_r(const char*, struct protoent*, struct protoent_data*);'
./prochck "$extern_C $try" $hdrs && getprotobyname_r_proto=I_CSD ;;
esac
case "$getprotobyname_r_proto" in
"|0) d_getprotobyname_r=undef
getprotobyname_r_proto=0
echo "Disabling getprotobyname_r, cannot determine prototype." >&4 ;;
*) case "$getprotobyname_r_proto" in
REENTRANT_PROTO*) ;;
*) getprotobyname_r_proto="REENTRANT_PROTO_${getprotobyname_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo "getprotobyname_r has no prototype, not using it." >&4 ;;
esac
d_getprotobyname_r=undef
getprotobyname_r_proto=0
;;
esac
;;
*) getprotobyname_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getprotobyname_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setgrps.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_setgrps.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:08 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

```
?MAKE:d_setgrps: Inlibc
?MAKE: -pick add $@ %<
?S:d_setgrps:
?S: This variable conditionally defines the HAS_SETGROUPS symbol, which
?S: indicates to the C program that the setgroups() routine is available
?S: to set the list of process groups.
?S:.
?C:HAS_SETGROUPS:
?C: This symbol, if defined, indicates that the setgroups() routine is
?C: available to set the list of process groups. If unavailable, multiple
?C: groups are probably not supported.
?C:.
?H:#$d_setgrps HAS_SETGROUPS /**/
?H:.
?LINT:set d_setgrps
: see if setgroups exists
set setgroups d_setgrps
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setgrps.U
```

No license file was found, but licenses were detected in source scan.

```
#####
```

```
## Jmake rules for building libraries, programs, scripts, and data files
```

```
## $Id: Jmake.rules 18 2006-12-27 10:35:09Z rmanfredi $
```

```
/*
```

```
* MACHINE-INDEPENDENT RULES -- DO NOT MODIFY
```

```
*/
```

```
/* $Id: Jmake.rules 18 2006-12-27 10:35:09Z rmanfredi $
```

```
*
```

```
* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
*
```

```
* You may redistribute only under the terms of the Artistic Licence,
```

```
* as specified in the README file that comes with the distribution.
```

```
* You may reuse parts of this distribution only within the terms of
```

```
* that same Artistic Licence; a copy of which may be found at the root
```

```
* of the source tree for dist 4.0.
```

```
*
```

```
* $Log: Jmake.rules,v $
```

```
* Revision 3.0.1.7 2004/08/22 08:28:58 ram
```

```
* patch71: random cleanup
```

```
*
```

```
* Revision 3.0.1.6 1997/02/28 14:56:01 ram
```

```
* patch61: now handles USRINC for dependencies
```

```

* patch61: smarter about dependencies computation
*
* Revision 3.0.1.5 1995/09/25 09:07:19 ram
* patch59: smarter sed command to strip /usr/include dependencies
*
* Revision 3.0.1.4 1995/07/25 13:33:59 ram
* patch56: install of script man pages can now cope with missing files
* patch56: the clobber target now removes the .config directory as well
*
* Revision 3.0.1.3 1995/03/21 08:35:28 ram
* patch52: suppressed extra argument to NormalProgramTarget call
*
* Revision 3.0.1.2 1995/01/11 14:49:55 ram
* patch45: new macros ShellScriptTargetExt and SimpleShellScriptTargetExt
* patch45: directory installation is now made via INSTALLDIR (Configure)
*
* Revision 3.0.1.1 1994/10/29 15:46:30 ram
* patch36: added RemoteDependency rule
*
* Revision 3.0 1993/08/18 12:04:14 ram
* Baseline for dist 3.0 netwide release.
*
*/

```

```

/* Please, edit only with tabstops = 4 (":set ts=4" under vi) */

```

```

/*
* AddedByConfigure:
* Gives name of the files generated by Configure that can safely
* be removed when a "make clobber" is issued. Not that it is useless
* to name config.h or config.sh because these are already taken care
* of by jmake.
*/

```

```

#define AddedByConfigure(files) @!\
local_clobber:: @@\
$(RM) files

```

```

/*
* AddSuffix:
* Adds a suffix to the .SUFFIXES: list.
*/

```

```

#define AddSuffix(ext) @!\
|suffix ext

```

```

/*
* AllTarget:
* Generate rules to build necessary things during make all.

```

```

*/
#define AllTarget(depends) @!\
all:: depends  @!\
    @!\
local_realclean::  @@\
$(RM) depends

/*
* RemoveTargetProgram:
* This is used in some other macros in order to remove the target
* before starting its building (saves disk space). There should be
* no '@!' at the end of the '#define' line, because this macro is
* used *inside* building rules.
*/
#define RemoveTargetProgram(program) \
$(RM) program @@\
if test -f program^^^$_EXE; then \ @@\
$(MV) program^^^$_EXE program^^~^^^$_EXE; fi

/*
* NormalProgramTarget:
* Generate rules to compile and link the indicated program; since
* it does not use any default object files, it may be used for
* multiple programs in the same Jmakefile.
*/
#define NormalProgramTarget(program,sources,objects) @!\
++OBJECTS objects @!\
++SOURCES sources @!\
NormalObjectRule() @!\
AllTarget(program) @!\
    @!\
program: objects  @@\
RemoveTargetProgram($@) @@\
$(CC) -o $@ objects $(JLDFLAGS) $(LIBS) @!\

/*
* SingleProgramTarget:
* Obsolete version of NormalProgramTarget that doesn't have
* deplibs.
*/
#define SingleProgramTarget(program,objects,libs) \
NormalProgramTarget(program,objects,libs)

/*
* SimpleProgramTarget:
* Generate rules for compiling and linking programs that only have
* one C source file. It should only be used in Jmakefiles that

```



```

* describe a single program.
*/
#define SimpleProgramTarget(program) @!\
NormalProgramTarget(program,program.c,program.o)

/*
* ComplexProgramTarget:
* Generate rules for compiling and linking the program specified by
* $(OBJS) and $(SRCS), installing the program and its man page, and
* generating dependencies. It should only be used in Jmakefiles
* that describe a single program.
*/
#define ComplexProgramTarget(program) @!\
++OBJECTS $(OBJS) @!\
++SOURCES $(SRCS) @!\
NormalObjectRule() @!\
AllTarget(program) @!\
    @!\
program: $(OBJS) @@\
RemoveTargetProgram($@) @@\
$(CC) -o $@ $(OBJS) $(JLDFLAGS) $(LIBS) @!\
    @!\
InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC)) @!\
DependTarget() @!\
LintTarget()

/*
* ComplexProgramTarget_1:
* Generate rules for compiling and linking the program specified by
* $(OBJS1) and $(SRCS1), installing the program and its man page,
* and generating dependencies for it and any programs described by
* $(SRCS2) and $(SRCS3). It should be used to build the primary
* program in Jmakefiles that describe multiple programs.
*/
#define ComplexProgramTarget_1(program) @!\
++OBJECTS $(OBJS1) @!\
++SOURCES $(SRCS1) @!\
NormalObjectRule() @!\
AllTarget(program) @!\
    @!\
program: $(OBJS1) @@\
RemoveTargetProgram($@) @@\
$(CC) -o $@ $(OBJS1) $(JLDFLAGS) $(LIBS) @!\
    @!\

```

```

InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC)) @!\
    @!\
DependTarget()    @!\
LintTarget()

/*
* ComplexProgramTarget_2:
* Generate rules for compiling and linking the program specified by
* $(OBJS2) and $(SRCS2) and installing the program and man page.
* It should be used to build the second program in Jmakefiles
* describing more than one program.
*/
#define ComplexProgramTarget_2(program) @!\
++OBJECTS $(OBJS2) @!\
++SOURCES $(SRCS2) @!\
NormalObjectRule()    @!\
AllTarget(program)    @!\
    @!\
program: $(OBJS2)    @@\
RemoveTargetProgram($@)    @@\
$(CC) -o $@ $(OBJS2) $(JLDFLAGS) $(LIBS) @!\
    @!\
InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC))

/*
* ComplexProgramTarget_3:
* Generate rules for compiling and linking the program specified by
* $(OBJS3) and $(SRCS3) and installing the program and man page. It
* should be used to build the third program in Jmakefiles describing
* more than one program.
*/
#define ComplexProgramTarget_3(program) @!\
++OBJECTS $(OBJS3) @!\
++SOURCES $(SRCS3) @!\
NormalObjectRule()    @!\
AllTarget(program)    @!\
    @!\
program: $(OBJS3)    @@\
RemoveTargetProgram($@)    @@\
$(CC) -o $@ $(OBJS3) $(JLDFLAGS) $(LIBS) @!\
    @!\
InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC))

```

```

/*
* ComplexShellManualTarget:
* Builds manual pages that are to be extracted from .SH files into
* .$manext files.
*/
#define ComplexShellManualTarget(manpages) @!\
++MANPAGE manpages @!\
|once _ShellManualRule_ @!\
|rule:.SH.$manext: @!\
|rule: /bin/sh $< @!\
|rule: @!\
-once @!\
AddSuffix(.SH) @!\
AddSuffix($manext) @!\
AllTarget(manpages) @!\
    @!\
local_install.man:: @@\
    _MakeInstallDirIgnore($(MANSRC)) \    @@\
    for file in manpages; do \    @@\
        (set -x; $(INSTALL) -c -m 444 $$file \    @@\
            $(INSTALL_PREFIX)$(MANSRC)) || exit 1; \    @@\
    done @!\
        @!\
local_deinstall.man:: @@\
    @case '${MFLAGS}' in *[i]*) set +e;; esac; \    @@\
    for file in manpages; do \    @@\
        (set -x; $(RM) $(INSTALL_PREFIX)$(MANSRC)/$$file); \    @@\
    done

/*
* Initialize:
* Puts the line symbol = value in the initialization section of
* Makefile.SH (the one that is subject to parameter substitutions).
*/
#define Initialize(symbol,value) @!\
+symbol = value

/*
* InstallLibrary:
* Generate rules to install the indicated library.
*/
#define InstallLibrary(libname,dest) @!\
local_install:: lib^^libname.a @@\
    _MakeInstallDirIgnore(dest) \    @@\
    $(INSTALL) -c -m 644 lib^^libname.a $(INSTALL_PREFIX)^^^dest @@\

```

```

$(RANLIB) dest/lib^^libname.a @@\
chmod 444 dest/lib^^libname.a @!\
    @!\
local_deinstall::  @@\
$(RM) $(INSTALL_PREFIX)^^^dest/lib^^libname.a

/*
* InstallSharedLibrary:
* Generate rules to install the shared library.
*/
#define InstallSharedLibrary(libname,rev,dest) @!\
local_install:: lib^^libname.so.rev  @@\
    _MakeInstallDirIgnore(dest) \  @@\
$(INSTALL) -c -m 444 lib^^libname.so.rev $(INSTALL_PREFIX)^^^dest @!\
    @!\
local_deinstall::  @@\
$(RM) $(INSTALL_PREFIX)^^^dest/lib^^libname.so.rev

/*
* InstallSharedLibraryData:
* Generate rules to install the shared library data
*/
#define InstallSharedLibraryData(libname,rev,dest) @!\
local_install:: lib^^libname.sa.rev  @@\
    _MakeInstallDirIgnore(dest) \  @@\
$(INSTALL) -c -m 444 lib^^libname.sa.rev $(INSTALL_PREFIX)^^^dest @!\
    @!\
local_deinstall::  @@\
$(RM) $(INSTALL_PREFIX)^^^dest/lib^^libname.sa.rev

/*
* InstallLibraryAlias:
* Generate rules to create a link from one library name to another
* for the purposes of aliasing.
*/
#define InstallLibraryAlias(libname,alias,dest) @!\
local_install:: lib^^libname.a  @@\
$(RM) lib^^alias.a  @@\
-(cd dest; $(LN) lib^^libname.a lib^^alias.a) @!\
    @!\
local_deinstall::  @@\
$(RM) dest/lib^^alias.a

/*

```

```

* InstallLintLibrary:
* Generate rules to install the indicated lint library.
*/
#define InstallLintLibrary(libname,dest) @!\
install.ln:: llib-I^^libname.ln  @@\
  _MakeInstallDirIgnore(dest) \  @@\
  $(INSTALL) -c -m 444 llib-I^^libname.ln $(INSTALL_PREFIX)^^^dest @!\
  @!\
deinstall.ln::  @@\
  $(RM) $(INSTALL_PREFIX)^^^dest/llib-I^^libname.ln

/*
* InstallManPageLong:
* Generate rules to install the indicated manual page, giving it an
* alternate name. This is used for installing man pages whose base
* name without the .man suffix would normally be longer than 8
* characters (the limit for using source code control systems on
* files systems with short file names).
*/
#define InstallManPageLong(file,destdir,dest) @!\
local_install.man:: file.man  @@\
  _MakeInstallDirIgnore(destdir) \  @@\
  $(INSTALL) -c -m 444 file.man $(INSTALL_PREFIX)^^^destdir/dest.$(L) @!\
  @!\
local_deinstall.man::  @@\
  $(RM) $(INSTALL_PREFIX)^^^destdir/dest.$(L) @!\

/*
* InstallManPage:
* Generate rules to install the indicated manual page.
*/
#define InstallManPage(file,dest) @!\
InstallManPageLong(file,dest,file)

/*
* InstallNonExec:
* Generate rules to install a data file using any special
* install flags.
*/
#define InstallNonExec(file,dest) @!\
local_install:: file  @@\
  _MakeInstallDirIgnore(dest) \  @@\
  $(INSTALL) -c -m 444 file $(INSTALL_PREFIX)^^^dest @!\
  @!\
local_deinstall::  @@\

```

```
$(RM) $(INSTALL_PREFIX)^^^dest/file
```

```
/*
```

```
* InstallProgramWithFlags:
```

```
* Generate rules to install an executable program using given
```

```
* install flags.
```

```
*/
```

```
#define InstallProgramWithFlags(program,dest,flags) @!\
```

```
local_install:: program @@\
```

```
_MakeInstallDirIgnore(dest) \ @@\
```

```
$(INSTALL) -c -s -m 555 flags program^^^$_EXE $(INSTALL_PREFIX)^^^dest @!\  
@!\
```

```
local_deinstall:: @@\
```

```
$(RM) $(INSTALL_PREFIX)^^^dest/program^^^$_EXE
```

```
/*
```

```
* InstallProgramNoStripWithFlags:
```

```
* Generate rules to install an executable program using given
```

```
* install flags.
```

```
*/
```

```
#define InstallProgramNoStripWithFlags(program,dest,flags) @!\
```

```
local_install:: program @@\
```

```
_MakeInstallDirIgnore(dest) \ @@\
```

```
$(INSTALL) -c -m 555 flags program^^^$_EXE $(INSTALL_PREFIX)^^^dest @!\  
@!\
```

```
local_deinstall:: @@\
```

```
$(RM) $(INSTALL_PREFIX)^^^dest/program^^^$_EXE
```

```
/*
```

```
* InstallProgram:
```

```
* Generate rules to install an executable program using any special
```

```
* install flags set in $(INSTALLFLAGS).
```

```
*/
```

```
#define InstallProgram(program,dest) @!\
```

```
InstallProgramWithFlags(program,dest,^^)
```

```
/*
```

```
* InstallProgramNoStrip:
```

```
* Generate rules to install an executable program using any special
```

```
* install flags set in $(INSTALLFLAGS), but without stripping the
```

```
* executable from debugging symbols.
```

```
*/
```

```
#define InstallProgramNoStrip(program,dest) @!\
```

```
InstallProgramNoStripWithFlags(program,dest,^^)
```

```

/*
* InstallScriptWithFlags:
* Generate rules to install an executable script using given
* install flags.
*/
#define InstallScriptWithFlags(script,dest,flags) @!\
local_install:: script  @@\
  _MakeInstallDirIgnore(dest) \ @@\
  $(INSTALL) -c -m 555 flags script $(INSTALL_PREFIX)^^^dest @!\
  @!\
local_deinstall::  @@\
  $(RM) $(INSTALL_PREFIX)^^^dest/script

/*
* InstallScript:
* Generate rules to install an executable script using any special
* install flags set in $(INSTALLFLAGS).
*/
#define InstallScript(script,dest) @!\
InstallScriptWithFlags(script,dest,^^)

/*
* InstallScripts:
* Generate rules to install all the scripts listed in the generated
* $(SCRIPTS) and $(LSCRIPTS) macros.
*/
#define InstallScripts() @!\
|once _InstallScripts_ @!\
local_install:: $(SCRIPTS) $(LSCRIPTS)  @@\
  _MakeInstallDirIgnore($(SCRIPTDIR)) \ @@\
  for file in $(SCRIPTS) $(LSCRIPTS); do \ @@\
    (set -x; \ @@\
    $(INSTALL) -c -m 555 $$file $(INSTALL_PREFIX)$(SCRIPTDIR) || \ @@\
    exit 1; \ @@\
  done  @!\
  @!\
local_deinstall::  @@\
  @for file in $(SCRIPTS) $(LSCRIPTS); do \ @@\
    case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
    (set -x; $(RM) $(INSTALL_PREFIX)$(SCRIPTDIR)/$$file); \ @@\
  done  @!\
-|once

/*

```

```

* InstallManScripts:
* Generate rule to install/deinstall manual pages for scripts listed
* in the automatically generated $(SCRIPTS) macro.
*/
#define InstallManScripts() @!\
|once _InstallManScripts_ @!\
?NOMAN:|skip @!\
local_install.man:: @@\
  _MakeInstallDirIgnore($(MANSRC)) \ @@\
  for file in $(SCRIPTS); do \ @@\
  if test -f $$file.man; then \ @@\
  (set -x; \ @@\
  $(INSTALL) -c -m 444 $$file.man \ @@\
  $(INSTALL_PREFIX)$(MANSRC)/$$file.$(L)) || \ @@\
  exit 1; \ @@\
  fi; \ @@\
done @!\
  @!\
local_deinstall.man:: @@\
  case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
  for file in $(SCRIPTS); do \ @@\
  (set -x; $(RM) $(INSTALL_PREFIX)$(MANSRC)/$$file.$(L)); \ @@\
done @!\
  @!\
-skip @!\
-once

```

```

/*
* LinkFileList:
* Link a list of list of files from one place to another
*/
#define LinkFileList(step,list,dir,sub) @!\
step:: list @@\
  @case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
  echo " cd" dir; cd dir; for i in list; do (set -x; $(LN) sub/$$i .); done

```

```

/*
* InstallMultipleDestFlags:
* Generate rules to install multiple files at once during a particular
* step in the build using a specific set of install flags.
*/
#define InstallMultipleDestFlags(step,list,dest,flags) @!\
step:: list @@\
  _MakeInstallDirIgnore(dest) \ @@\
  for i in list; do \ @@\

```



```

(set -x; $(INSTALL) -c flags \ @@\
  $$i $(INSTALL_PREFIX)^^^dest) || exit 1; \ @@\
done

/*
* DeinstallMultipleDest:
* Generate rules to deinstall multiple files at once during a particular
* step in the build.
*/
#define DeinstallMultipleDest(step,list,dest) @!\
step::    @@\
  @case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
  for i in list; do \    @@\
    (set -x; $(RM) $(INSTALL_PREFIX)^^^dest/$$i); \ @@\
  done

/*
* InstallMultiple:
* Generate rules to install multiple files at once during the install
* step of the build using any install flags set in $(INSTALLFLAGS)
* and deinstall them.
*/
#define InstallMultiple(list,dest) @!\
InstallMultipleDestFlags(local_install,list,dest,$(INSTALLFLAGS)) @!\
DeinstallMultipleDest(local_deinstall,list,dest)

/*
* InstallMultipleFlags:
* Generate rules to install multiple files at once during the
* install step of the build using the given install flags.
*/
#define InstallMultipleFlags(list,dest,flags) @!\
InstallMultipleDestFlags(local_install,list,dest,flags) @!\
DeinstallMultipleDest(local_deinstall,list,dest)

/*
* InstallMultipleMan:
* Generate rules to install a variety of manual pages
* during the install.man step of the build.
*/
#define InstallMultipleMan(list,dest) @!\
InstallMultipleDestFlags(local_install.man,list,dest,$(INSTALLFLAGS)) @!\
DeinstallMultipleDest(local_deinstall.man,list,dest)

/*

```

```

* DependDependency:
* Generate rules to build the makedepend program.
*/
#define DependDependency() @!\
depend:: TOPDIR/mkdep @!\
    @!\
TOPDIR/mkdep: @!\
?TOP: @echo "You have to run Configure first."; exit 1 @!\
%TOP: @echo "You have to run Configure in $(TOP) first."; exit 1

```

```

/*
* DependTarget:
* Generate rules to compute dependencies for all files listed
* in $(SOURCES) (automatically generated macro).
*/

```

```

#define DependTarget() @!\
+USRINC = $usrinc @!\
|once _DependTarget_ @!\
DependDependency() @!\
    @!\
depend:: @@\
($ (SED) '/^# DO NOT DELETE/q' Makefile && \ @@\
$(MKDEP) $(SOURCES) | \ @@\
$(SED) -e 's:/usr/lib[^ ]*::g; s:$(USRINC)[^ ]*::g;' \ @@\
-e '/: / b print' -e '$$ b print' -e 'H; d; n; : print' \ @@\
-e 'x; s/\$\$/; s/\n//g; s/ ^ ^ */ /g; s/ :/:;' -e '/: *$$/d' \ @@\
) > Makefile.new @@\
cp Makefile Makefile.bak @@\
cp Makefile.new Makefile @@\
$(RM) Makefile.new @!\
    @!\
-once

```

```

/*
* CleanTarget:
* Generate rules to remove any garbage files.
*/
#define CleanTarget() @!\
?SUBDIRS:clean: sub_clean local_clean @!\
%SUBDIRS:clean: local_clean @!\
?SUBDIRS:realclean: sub_realclean local_realclean @!\
%SUBDIRS:realclean: local_realclean @!\
?SUBDIRS:clobber: sub_clobber local_clobber @!\
%SUBDIRS:clobber: local_clobber @!\
    @!\
local_clean:: @@\

```

```

if test -f core; then $(RM) core; fi @@\
$(RM) *~*.o @!\
    @!\
local_realclean:: local_clean @!\
?TOP: $(RM) -r UU @!\
    @!\
local_clobber:: local_realclean @!\
%TOP: $(RM) Makefile config.sh @!\
?TOP: $(RM) config.sh config.h @!\
?TOP: $(RM) -r .config @!\
?TOP: $(RM) Makefile @!\

/*
* InstallTarget:
* Generate rules to recursively install files
*/
#define InstallTarget() @!\
?SUBDIRS:install:: local_install sub_install @!\
%SUBDIRS:install:: local_install @!\
?SUBDIRS:install.man:: maybe_install.man sub_install.man @!\
%SUBDIRS:install.man:: maybe_install.man @!\
?SUBDIRS:deinstall:: sub_deinstall local_deinstall @!\
%SUBDIRS:deinstall:: local_deinstall @!\
?SUBDIRS:deinstall.man:: sub_deinstall.man maybe_deinstall.man @!\
%SUBDIRS:deinstall.man:: maybe_deinstall.man @!\
    @!\
?MANSRC:install.man-yes: local_install.man @!\
install.man-no: @!\
?MANSRC:deinstall.man-yes: local_deinstall.man @!\
deinstall.man-no: @!\

/*
* TagsTarget:
* Generate rules to compute tags files for C source code.
*/
#define TagsTarget() @!\
tags:: @@\
$(CTAGS) -w *.[ch] @@\
$(CTAGS) -xw *.[ch] > tags @!\
    @!\
local_clobber:: @@\
$(RM) tags

/*

```

```

* BuildMakefileSH:
* Generate rules to build a Makefile.SH from an Jmakefile and any
* special jmake flags. This is generally done automatically by the
* template or by any special Jmakefiles.
* This function will simply touch Makefile.SH if no $(TOP)/.package
* exists, assuming the Jmakefile is not in a production environment.
*/
#define BuildMakefileSH(jmakeflags) @!\
Makefile.SH: Jmakefile  @@\
-@if test -f $(TOP)/.package; then \ @@\
if test -f Makefile.SH; then \ @@\
echo " $(RM) Makefile.SH~; $(MV) Makefile.SH Makefile.SH~"; \ @@\
$(RM) Makefile.SH~; $(MV) Makefile.SH Makefile.SH~; \ @@\
fi; \  @@\
echo " $(JMAKE) -DTOPDIR=$(TOP) -DCURDIR=$(CURRENT)" jmakeflags; \ @@\
$(JMAKE) -DTOPDIR=$(TOP) -DCURDIR=$(CURRENT) jmakeflags; \ @@\
else touch $@; fi

/*
* BuildMakefile:
* Generate rules to build a Makefile from a Makefile.SH.
*/
#define BuildMakefile() @!\
Makefile: Makefile.SH  @@\
/bin/sh Makefile.SH

/*
* MakefileTarget:
* Generate rules to build a normal Makefile.
*/
#define MakefileTarget() @!\
BuildMakefileSH(^^)  @!\
BuildMakefile()

/*
* NormalObjectRule:
* Generate make rule to build usual object files.
*/
#define NormalObjectRule() @!\
|once _ObjectRule_  @!\
|rule:.c.o:  @!\
|rule: $(CC) -c $(JCFLAGS) $< @!\
|rule:  @!\
-once

```

```

/*
* NormalLibraryObjectRule:
* Generate make rules to build "normal" objects.
*/
#define NormalLibraryObjectRule() @!\
|once _ObjectRule_ @!\
|rule:.c.o: @!\
|rule: $(RM) $@ @!\
|rule: $(CC) -c $(JCFLAGS) $< @!\
|rule: @!\
-once

/*
* ProfiledLibraryObjectRule:
* Generate make rules to build both profiled and "normal" objects.
*/
#define ProfiledLibraryObjectRule() @!\
all:: @@\
@if [ ! -d profiled ]; then mkdir profiled; fi @!\
    @!\
|rule:.c.o: @!\
|rule: $(RM) $@ profiled/$@ @!\
|rule: $(CC) -pg -c $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o profiled/$*.o @!\
|rule: $(CC) -c $(JCFLAGS) $*.c @!\
|rule: @!\
local_clean:: @@\
-@if [ -d profiled ]; then echo " $(RM) profiled/?*.o"; \ @@\
    $(RM) profiled/?*.o; fi

/*
* DebuggedLibraryObjectRule:
* Generate make rules to build both debuggable and "normal"
* objects.
*/
#define DebuggedLibraryObjectRule() @!\
all:: @@\
@if [ ! -d debugger ]; then mkdir debugger; fi @!\
    @!\
|rule:.c.o: @!\
|rule: $(RM) $@ debugger/$@ @!\
|rule: $(CC) -g -c $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o debugger/$*.o @!\
|rule: $(CC) -c $(JCFLAGS) $*.c @!\
|rule: @!\
local_clean:: @@\
-@if [ -d debugger ]; then echo " $(RM) debugger/?*.o"; \ @@\

```

```
$(RM) debugger/?*.o; fi
```

```
/*
```

```
* DebuggedAndProfiledLibraryObjectRule:
```

```
* Generate make rules to build debuggable, profiled, and "normal"
```

```
* objects.
```

```
*/
```

```
#define DebuggedAndProfiledLibraryObjectRule() @!\
```

```
all::    @@\
```

```
@if [ ! -d profiled ]; then mkdir profiled; fi @@\
```

```
@if [ ! -d debugger ]; then mkdir debugger; fi @!\
```

```
@!\
```

```
|rule:.c.o:    @!\
```

```
|rule: $(RM) $@ profiled/$@ debugger/$@ @!\
```

```
|rule: $(CC) -pg -c $(JCFLAGS) $*.c @!\
```

```
|rule: $(MV) $*.o profiled/$*.o @!\
```

```
|rule: $(CC) -g -c $(JCFLAGS) $*.c @!\
```

```
|rule: $(MV) $*.o debugger/$*.o @!\
```

```
|rule: $(CC) -c $(JCFLAGS) $*.c @!\
```

```
|rule:    @!\
```

```
local_clean::    @@\
```

```
-@if [ -d profiled ]; then echo " $(RM) profiled/?*.o"; \ @@\
```

```
$(RM) profiled/?*.o; fi    @@\
```

```
-@if [ -d debugger ]; then echo " $(RM) debugger/?*.o"; \ @@\
```

```
$(RM) debugger/?*.o; fi
```

```
/*
```

```
* SharedLibraryObjectRule:
```

```
* Generate make rules to build shared and "normal" object files.
```

```
*/
```

```
#define SharedLibraryObjectRule() @!\
```

```
all::    @@\
```

```
@if [ ! -d shared ]; then mkdir shared; fi @!\
```

```
@!\
```

```
|rule:.c.o:    @!\
```

```
|rule: $(RM) $@ shared/$@ @!\
```

```
|rule: $(CC) -pic -c $(SHAREDDEF) $(SHLIBDEF) $(JCFLAGS) $*.c @!\
```

```
|rule: $(MV) $*.o shared/$*.o @!\
```

```
|rule: $(CC) -c $(SHLIBDEF) $(JCFLAGS) $*.c @!\
```

```
|rule:    @!\
```

```
local_clean::    @@\
```

```
-@if [ -d shared ]; then echo " $(RM) shared/?*.o"; \ @@\
```

```
$(RM) shared/?*.o; fi
```

```
/*
```

```
* SharedAndDebuggedLibraryObjectRule:
```

```

* Generate make rules to build shared, debuggable, and "normal"
* object files.
*/
#define SharedAndDebuggedLibraryObjectRule() @!\
all::      @@\
    @if [ ! -d shared ]; then mkdir shared; fi @@\
    @if [ ! -d debugger ]; then mkdir debugger; fi @!\
        @!\
|rule:.c.o:    @!\
|rule: $(RM) $@ shared/$@ debugger/$@ @!\
|rule: $(CC) -pic -c $(SHARED_CODEDEF) $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o shared/$*.o @!\
|rule: $(CC) -g -c $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o debugger/$*.o @!\
|rule: $(CC) -c $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule:      @!\
local_clean::    @@\
-@if [ -d shared ]; then echo " $(RM) shared/*.*"; \ @!\
    $(RM) shared/*.*; fi @@\
-@if [ -d debugger ]; then echo " $(RM) debugger/*.*"; \ @!\
    $(RM) debugger/*.*; fi

/*
* SpecialSharedAndDebuggedObjectRule:
* Generate rules to compile a file with special flags and to make
* shared and debuggable versions.
*/
#define SpecialSharedAndDebuggedObjectRule(objs,depends,options) @!\
all::      @@\
    @if [ ! -d shared ]; then mkdir shared; fi @@\
    @if [ ! -d debugger ]; then mkdir debugger; fi @!\
        @!\
objs: depends    @@\
    $(RM) $@ shared/$@ debugger/$@ @@\
    $(CC) -pic -c $(SHARED_CODEDEF) $(SHLIBDEF) $(JCFLAGS) options $*.c @!\
    $(MV) $*.o shared/$*.o @@\
    $(CC) -g -c $(SHLIBDEF) $(JCFLAGS) options $*.c @@\
    $(MV) $*.o debugger/$*.o @@\
    $(CC) -c $(SHLIBDEF) $(JCFLAGS) options $*.c

/*
* SpecialSharedObjectRule:
* Generate rules to compile a file with special flags and to make
* shared and debuggable versions.
*/
#define SpecialSharedObjectRule(objs,depends,options) @!\
all::      @@\
    @if [ ! -d shared ]; then mkdir shared; fi @!\

```

```

    @!\
objs: depends    @@\
$(RM) $@ shared/$@    @@\
$(CC) -pic -c $(SHAREDDEF) $(SHLIBDEF) $(JCFLAGS) options $*.c @@\
$(MV) $*.o shared/$*.o    @@\
$(CC) -c $(SHLIBDEF) $(JCFLAGS) options $*.c

```

```
/*
```

```

* SpecialObjectRule:
* Generate rules to compile a file with special flags.
*/

```

```

#define SpecialObjectRule(objs,depends,options) @!\
objs: depends    @@\
$(RM) $@    @@\
$(CC) -c $(JCFLAGS) options $*.c

```

```
/*
```

```

* SpecialProfiledObjectRule:
* Generate rules to compile a file with special flags and to make a
* profiled version.
*/

```

```

#define SpecialProfiledObjectRule(objs,depends,options) @!\
all::    @@\
    @if [ ! -d profiled ]; then mkdir profiled; fi @!\
    @!\
objs: depends    @@\
$(RM) $@ profiled/$@    @@\
$(CC) -pg -c $(JCFLAGS) options $*.c @@\
$(MV) $*.o profiled/$*.o    @@\
$(CC) -c $(JCFLAGS) options $*.c

```

```
/*
```

```

* SpecialDebuggedObjectRule:
* Generate rules to compile a file with special flags and to make a
* debuggable version.
*/

```

```

#define SpecialDebuggedObjectRule(objs,depends,options) @!\
all::    @@\
    @if [ ! -d debugger ]; then mkdir debugger; fi @!\
    @!\
objs: depends    @@\
$(RM) $@ debugger/$@    @@\
$(CC) -g -c $(JCFLAGS) options $*.c @@\
$(MV) $*.o debugger/$*.o    @@\
$(CC) -c $(JCFLAGS) options $*.c

```



```

/*
* SpecialDebuggedAndProfiledObjectRule:
* Generate rules to compile a file with special flags and to make
* debuggable and profiled versions.
*/
#define SpecialDebuggedAndProfiledObjectRule(objs,depends,options) @!\
all::    @@\
    @if [ ! -d profiled ]; then mkdir profiled; fi @@\
    @if [ ! -d debugger ]; then mkdir debugger; fi @!\
    @!\
objs: depends    @@\
$(RM) $@ profiled/$@ debugger/$@ @@\
$(CC) -pg -c $(JCFLAGS) options $*.c @@\
$(MV) $*.o profiled/$*.o  @@\
$(CC) -g -c $(JCFLAGS) options $*.c @@\
$(MV) $*.o debugger/$*.o  @@\
$(CC) -c $(JCFLAGS) options $*.c

```

```

/*
* NormalLibraryTarget:
* Generate rules to create a library. The 'srclist' and 'objlist'
* parameters are added to SOURCES and OBJECTS macros. The 'srclist'
* is not otherwise used by this rule, but is necessary for make depend.
*/
#define NormalLibraryTarget(libname,srclist,objlist) @!\
++OBJECTS objlist @!\
++SOURCES srclist @!\
NormalLibraryObjectRule() @!\
AllTarget(lib^^libname.a) @!\
    @!\
lib^^libname.a: objlist  @@\
$(RM) $@  @@\
$(AR) $@ objlist  @@\
$(RANLIB) $@

```

```

/*
* NormalSharedLibraryTarget:
* Generate rules to create a shared library; build it into a
* different name so that the we don't hose people by having the
* library gone for long periods.
*/
#define NormalSharedLibraryTarget(libname,rev,solist) @!\
AllTarget(lib^^libname.so.rev) @!\
    @!\

```

```

lib^^libname.so.rev: solist @@\
$(RM) $@~ @@\
(cd shared; $(LD) -o ../$@~ -assert pure-text solist) @@\
$(RM) $@ @@\
$(MV) $@~ $@

/*
* NormalSharedLibraryDataTarget:
* Generate rules to create shlib data file; build it into a
* different name so that the we don't hose people by having the
* library gone for long periods.
*/
#define NormalSharedLibraryDataTarget(libname,rev,salist) @!\
AllTarget(lib^^libname.sa.rev) @!\
    @!\
lib^^libname.sa.rev: salist @@\
$(RM) $@ @@\
$(AR) $@ salist @@\
$(RANLIB) $@

/*
* NormalLibraryTarget2:
* Generate rules to create a library in two steps. This is used to
* create libraries with large numbers of files.
*/
#define NormalLibraryTarget2(libname,srclist,objlist1,objlist2) @!\
++SOURCES srclist @!\
++OBJECTS objlist1 @!\
++OBJECTS objlist2 @!\
NormalLibraryObjectRule() @!\
AllTarget(lib^^libname.a) @!\
    @!\
lib^^libname.a: objlist1 objlist2 @@\
$(RM) $@ @@\
$(AR) $@ objlist1 @@\
$(AR) $@ objlist2 @@\
$(RANLIB) $@

/*
* ProfiledLibraryTarget:
* Generate rules to create a profiled library.
*/
#define ProfiledLibraryTarget(libname,srclist,objlist) @!\
++SOURCES srclist @!\
++OBJECTS objlist @!\
AllTarget(lib^^libname^^_p.a) @!\

```

```

    @!\
lib^^libname^^_p.a: objlist @@\
$(RM) $@ @@\
cd profiled; $(AR) ../$@ objlist @@\
$(RANLIB) $@

/*
* DebuggedLibraryTarget:
* Generate rules to create a debuggable library.
*/
#define DebuggedLibraryTarget(libname,srclist,objlist) @!\
++SOURCES srclist @!\
++OBJECTS objlist @!\
AllTarget(lib^^libname^^_d.a) @!\
    @!\
lib^^libname^^_d.a: objlist @@\
$(RM) $@ @@\
cd debugger; $(AR) ../$@ objlist @@\
$(RANLIB) $@

/*
* AliasedLibraryTarget:
* Generate rules to link one library to another.
*/
#define AliasedLibraryTarget(libname,alias) @!\
AllTarget(lib^^alias.a) @!\
    @!\
lib^^alias.a: lib^^libname.a @@\
$(RM) $@ @@\
$(LN) lib^^libname.a $@

/*
* PrelinkedRelocatableTarget:
* Generate rules to produce a relocatable object file instead of a
* library.
*/
#define PrelinkedRelocatableTarget(objname,objlist,libs) @!\
AllTarget(objname.o) @!\
    @!\
objname.o: objlist @@\
$(RM) $@ @@\
$(LD) $(JLDFLAGS) -r objlist -o $@ libs

/*

```

```

* NormalObjectTarget:
* Generate rules to produce a single object file.o from a file.c.
*/
#define NormalObjectTarget(file) @!\
++SOURCES file^.c  @!\
AllTarget(file^.o)  @!\
NormalObjectRule()

/*
* NormalRelocatableTarget:
* Generate rules to produce a relocatable object file instead of a
* library.
*/
#define NormalRelocatableTarget(objname,objlist) @!\
AllTarget(objname.o)  @!\
    @!\
objname.o: objlist  @@\
$(RM) $@  @@\
$(LD) $(JLDFLAGS) -r objlist -o $@

/*
* ProfiledRelocatableTarget:
* Generate rules to produce a profiled relocatable object file
* instead of a library.
*/
#define ProfiledRelocatableTarget(objname,objlist) @!\
AllTarget(objname^^_p.o) @!\
    @!\
objname^^_p.o: objlist  @@\
$(RM) $@  @@\
$(LD) -X -r objlist -o $@

/*
* DebuggedRelocatableTarget:
* Generate rules to produce a debuggable relocatable object file
* instead of a library.
*/
#define DebuggedRelocatableTarget(objname,objlist) @!\
AllTarget(objname^^_d.o) @!\
    @!\
objname^^_d.o: objlist  @@\
$(RM) $@  @@\
$(LD) -X -r objlist -o $@

/*
* LintLibraryTarget:

```

```

* Generate rules to create a lint library. Note that the lint
* library is always forced to be newer than the library itself.
*/
#define LintLibraryTarget(libname,srclist) @!\
lintlib:: llib-l^^libname.ln @!\
    @!\
llib-l^^libname.ln: srclist @@\
$(RM) $@  @@\
$(LINT) $(LINTLIBFLAG)^^libname $(LINTFLAGS) srclist

/*
* NormalLintTarget:
* Generate rules to lint a set of sources.
*/
#define NormalLintTarget(srclist) @!\
lint:    @@\
$(LINT) $(LINTFLAGS) srclist $(LINTLIBS)

/*
* LintTarget:
* Generate rules to lint $(SOURCES) (automatically generated)
*/
#define LintTarget() @!\
|once _LintTarget_ @!\
NormalLintTarget($(SOURCES)) @!\
-once

/*
* LinkSourceFile:
* Snag source file from some other directory
*/
#define LinkSourceFile(src,dir) @!\
src: dir/src  @@\
$(RM) $@  @@\
$(LN) $? $@  @!\

/*
* MakeSubincludesForBuild:
* Make includes in sub directories.
*/
#define MakeSubincludesForBuild(step,dir,srclist) @!\
step:: dir srclist  @@\
@-(list=`echo srclist | sed -e 's/[^ ]*//g`; \  @@\
set -x; cd dir; $(RM) $$list)  @@\

```

```

@for i in srclist; do \    @@\
(set -x; cd dir; $(LN) ../$i .) || exit 1; \    @@\
done    @!\
    @!\
MakeDirectories(dir,dir)    @!\
    @!\
local_realclean::    @@\
@-(if [ -d dir ]; then \    @@\
list=`echo srclist | sed -e 's/[^ ]*///g^'; \    @@\
set -x; cd dir; $(RM) $$list; fi)

/*
* CommonSubdirsRule:
* Rule for making $(TARGET) in every subdirectory, with $(VERB) as
* verbose message and $(FLAGS) as additional flags.
*/
#define CommonSubdirsRule(dirs) @!\
subdirs:    @@\
@case '${MFLAGS}' in *[ik]*) set +e;; esac; \    @@\
for i in dirs ;\    @@\
do \    @@\
(cd $$i ; echo $(VERB) "in $(DIR)$$i..."; \    @@\
$(MAKE) $(MFLAGS) $(FLAGS) $(TARGET)) || exit 1; \    @@\
done

/*
* NamedTargetSubdirsRule:
* Recursively make a series of steps in the specified directories.
*/
#define NamedTargetSubdirsRule(dirs,name,verb,flags) @!\
name::    @@\
@case '${MFLAGS}' in *[ik]*) set +e;; esac; \    @@\
for i in dirs ;\    @@\
do \    @@\
(cd $$i ; echo verb "in $(DIR)$$i..."; \    @@\
$(MAKE) $(MFLAGS) flags name) || exit 1; \    @@\
done

/*
* NamedTargetSubdirs:
* Recursively make a series of steps.
*/
#define NamedTargetSubdirs(name,verb,flags) @!\
name::    @@\
@$(MAKE) subdirs TARGET=name VERB=verb FLAGS=flags

```

```

/*
* NamedSubTargetSubdirs:
* Recursively make a series of steps, like NamedTargetSubdirs.
* However, the supplied "name" has "sub_" prefixed to it.
*/
#define NamedSubTargetSubdirs(name,verb,flags) @!\
sub_^^^name::    @@\
    @$(MAKE) subdirs TARGET=name VERB=verb FLAGS=flags

/*
* NamedDepthTargetSubdirs:
* Recursively make a series of steps. We first enter the
* subdirectories, then perform the local entries.
* The supplied "name" has "sub_" prefixed to it.
*/
#define NamedDepthTargetSubdirs(name,verb,flags) @!\
sub_^^^name::    @@\
    @$(MAKE) subdirs TARGET=name VERB=verb FLAGS=flags @@\
    @echo "Back to $(CURRENT) for "name^^...

/*
* MakeSubdirs:
* Generate rules to do makes in the given subdirectories.
*/
#define MakeSubdirs() \
NamedTargetSubdirs(all,"Making all",^^)

/*
* DependDirs:
* Generate rules to recursively compute dependencies as part of the
* make depend step.
*/
#define DependDirs(dirs) \
NamedTargetSubdirsRule(dirs,depend,"Depending",^^)

/*
* DependSubdirs:
* Generate rules to recursively compute dependencies as part of the
* make depend step.
*/
#define DependSubdirs() \
DependDirs($(SUBDIRS))

```

```

/*
* InstallSubdirs:
* Generate rules to recursively install and deinstall programs and
* files.
*/
#define InstallSubdirs() \
NamedSubTargetSubdirs(install,"Installing",^^) @!\
NamedDepthTargetSubdirs(deinstall,"Deinstalling",^^)

/*
* InstallManSubdirs:
* Generate rules to recursively install and deinstall manual pages.
*/
#define InstallManSubdirs() \
NamedSubTargetSubdirs(install.man,"Installing man pages",^^) @!\
NamedDepthTargetSubdirs(deinstall.man,"Deinstalling man pages",^^)

/*
* IncludesSubdirs:
* Generate rules to recursively put include files in build
*/
#define IncludesSubdirs() \
NamedTargetSubdirs(includes,including,^^)

/*
* CleanSubdirs:
* Generate rules to recursively clean out garbage files.
*/
#define CleanSubdirs() \
NamedDepthTargetSubdirs(clean,"Cleaning",^^) @!\
NamedDepthTargetSubdirs(realclean,"Real cleaning",^^) @!\
NamedDepthTargetSubdirs(clobber,"Clobbering",^^)

/*
* TagSubdirs:
* Generate rules to recursively create tags files.
*/
#define TagSubdirs(dirs) \
NamedTargetSubdirsRule(dirs,tag,"Tagging",^^)

/*
* MakeLintSubdirs:
* Generate rules to recursively lint directories as part of the

```



```

* named step.
*/
#define MakeLintSubdirs(dirs,target) \
NamedTargetSubdirsRule(dirs,target,"Linting",^^)

/*
* LintDirs:
* Generate rules to recursively lint directories as part of the
* make lint step.
*/
#define LintDirs(dirs) \
MakeLintSubdirs(dirs,lint)

/*
* LintSubdirs:
* Generate rules to recursively lint directories as part of the
* make lint step.
*/
#define LintSubdirs() \
LintDirs($(SUBDIRS))

/*
* MakeDirs:
* Creates a set of directories, even if some directories in the path
* do not already exist. There should be no '@!' at the end of the
* '#define' line, because this macro is used *inside* building rules.
*/
#define MakeDirs(dirs) \
@case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
for dir in dirs; do \    @@\
(set -x; test -d $$dir || $(INSTALLDIR) $$dir) || \ @@\
exit 1; \ @@\
done

/*
* _MakeInstallDirs:
* Creates a set of intall directories, even if some directories in the path
* do not already exist. There should be no '@!' at the end of the
* '#define' line, because this macro is used *inside* building rules.
*/
#define _MakeInstallDirs(dirs) \
@case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
for dir in dirs; do \    @@\
_MakeInstallDir($$dir) \    @@\
done

```

```

/*
* _MakeInstallDir:
* Internal macro to create a missing install directory.
*/
#define _MakeInstallDir(dir) \
(set -x; test -d $(INSTALL_PREFIX)^^^dir || \ @@\
$(INSTALLDIR) $(INSTALL_PREFIX)^^^dir);

/*
* _MakeInstallDirIgnore:
* Same as _MakeInstallDir but handles "make -i" as well.
*/
#define _MakeInstallDirIgnore(dir) \
@case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
_MakeInstallDir(dir)

/*
* _RmInstallDirs:
* Removes a set of intall directories.
* There should be no '@!' at the end of the '#define' line, because this
* macro is used *inside* building rules.
*/
#define _RmInstallDirs(dirs) \
@case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
for dir in dirs; do \    @@\
(set -x; test -d $$dir && $(RM) -r $(INSTALL_PREFIX)$$dir); \ @@\
done

/*
* MakeDirectories:
* Generate rules to create a hierarchy of directories.
*/
#define MakeDirectories(step,dirs) @!\
step::    @@\
MakeDirs(dirs)

/*
* MakeInstallDirectories:
* Generate a rule to create a set of directories at installation
* time (removed by deinstall).
*/
#define MakeInstallDirectories(dirs) @!\
local_install::    @@\
_MakeInstallDirs(dirs) @!\
    @!\
local_deinstall::    @@\

```

`_RmInstallDirs(dirs)`

```
/*
* MakeLintLibSubdirs:
* Generate rules to recursively create lint libraries.
*/
#define MakeLintLibSubdirs(dirs) @!\
MakeLintSubdirs(dirs,lintlib)

/*
* MakeMakeSubdirs:
* Generate rules to recursively recreate target as part of the
* specified step in the build. This assumes Makefile.SH has
* already been built (which is the case for a delivery), but does
* not rely on the existence of a Makefile.
*/
#define MakeMakeSubdirs(target) @!\
target::    @@\
    @case '${MFLAGS}' in *[ik]*) set +e;; esac; \ @@\
    for i in $(SUBDIRS); \ @@\
    do \    @@\
        echo "Making "target" in $(DIR)$$i..."; \ @@\
        (cd $$i || exit 1; \ @@\
        if test ! -f Makefile; then /bin/sh Makefile.SH; fi; \ @@\
        $(MAKE) $(MFLAGS) target) || exit 1; \ @@\
    done

/*
* MakeMakefilesSH:
* Generate rules to recursively recreate target as part of the
* specified step in the build. If $(TOP) is set to an absolute
* path, don't prepend the ../ prefix. This makes running things
* outside of the source tree to be much easier.
*/
#define MakeMakefilesSH() @!\
Makefiles.SH:: Makefile.SH    @@\
    @case '${MFLAGS}' in *[ik]*) set +e;; esac; \ @@\
    for i in $(SUBDIRS); \    @@\
    do \    @@\
        case "$(DIR)$$i/" in \    @@\
            ^^*^^/^^*^^/^^*^^/^^*^^) newtop=../..../.; \ @@\
            ^^*^^/^^*^^/^^*^^) newtop=../..../.; \    @@\
            ^^*^^/^^*^^) newtop=../..../.; \    @@\
            *^^) newtop=../..../.; \    @@\
        esac; \    @@\
```

```

case "$(TOP)" in \  @@\
/^^*) newtop="$(TOP)" ;; \  @@\
esac; \  @@\
echo "Making Makefiles.SH in $(DIR)$Si..."; \  @@\
(cd $Si || exit 1; \  @@\
if test -f Jmakefile; then \  @@\
$(MAKE) $(MFLAGS) -f ../Makefile \  @@\
Makefile TOP=$$newtop CURRENT=$(DIR)$Si && \  @@\
$(MAKE) $(MFLAGS) Makefiles.SH; \  @@\
fi; \  @@\
) || exit 1; \  @@\
done

```

```
/*
```

```

* MakefileSubdirs:
* Generate rules to create Makefiles.
*/

```

```

#define MakefileSubdirs() @!\
MakeMakeSubdirs(Makefiles) @!\
MakeMakefilesSH()

```

```
/*
```

```

* CppScriptTarget:
* Generate rules to create a shell script by running the input
* through cpp.
*/

```

```

#define CppScriptTarget(dst,src,defs,deplist) @!\
dst:: src deplist  @@\
$(RM) $@  @@\
$(CPP) defs <src | \  @@\
sed -e '/^# *[0-9][0-9]* *.*$$/d' >$@  @@\
chmod a+x $@

```

```
/*
```

```

* MakeScriptFromCpp:
* Generate rules to create a script from a file with a
* .cpp suffix.
*/

```

```

#define MakeScriptFromCpp(name,defs) @!\
CppScriptTarget(name,name.cpp,defs,^^)

```

```
/*
```

```

* ShellScriptTargetExt:
* Generate rules to create and install a set of scripts from

```

```

* ext files (.sh and .SH are the most common examples). Man pages
* derived from the name of the scripts are also installed unless
* NoManPages() is specified.
*/
#define ShellScriptTargetExt(scripts,ext) @!\
++SCRIPTS scripts @!\
SimpleShellScriptTargetExt(scripts,ext) @!\
InstallScripts() @!\
InstallManScripts()

/*
* ShellScriptTarget:
* Generate rules to create and install a set of scripts from
* .SH files. Man pages derived from the name of the scripts are
* also installed unless NoManPages() is specified.
*/
#define ShellScriptTarget(scripts) @!\
ShellScriptTargetExt(scripts,.SH)

/*
* SimpleShellScriptTargetExt:
* Generate rules to create a set of scripts from ext files where
* ext is usually something like .sh or .SH, or whatever file
* extension you like..
*/
#define SimpleShellScriptTargetExt(scripts,ext) @!\
AllTarget(scripts) @!\
    @!\
|expand s!scripts! @!\
!s: !s^^ext @@\
/bin/sh !s^^ext @!\
    @!\
-expand

/*
* SimpleShellScriptTarget:
* Generate rules to create a set of scripts from .SH files.
*/
#define SimpleShellScriptTarget(scripts) @!\
SimpleShellScriptTargetExt(scripts,.SH)

/*
* ShellScriptLongTarget:
* Generate rules to create a set of scripts from .SH files where

```

```

* the name of the generated file is different from the basename of
* the .SH file (when, for instance, the total length with the .SH
* extension would not leave enough space for RCS ,v extension).
*/
#define ShellScriptLongTarget(basename,scriptname) @!\
++LSCRIPTS scriptname @!\
AllTarget(scriptname) @!\
    @!\
scriptname: basename^^.SH @ @\
/bin/sh basename^^.SH @!\
    @!\
InstallScripts() @!\
?NOMAN:|skip @!\
InstallManPageLong(basename,$(MANSRC),scriptname) @!\
-skip

/*
* ForceTarget:
* The force target will force reconstruction of all the other
* targets which include .FORCE in their own dependencies.
*/
#define ForceTarget() @!\
|once _force_ @!\
.FORCE: @!\
    @!\
-once

/*
* RemoteTargetDependency:
* A local target may rely on a remote dependency (e.g. a library)
* made in a separate directory. This rule explicits the dependency
* and forces a make of that dependency in the remote directory.
*/
#define RemoteTargetDependency(target,directory,dependency) @!\
RemoteDependency(directory,dependency) @!\
target: directory/^^^dependency @!\

/*
* RemoteDependency:
* Specify rules for making a remote dependency.
*/
#define RemoteDependency(directory,dependency) @!\
ForceTarget() @!\
|once =directory/^^^dependency= @!\
directory/^^^dependency: .FORCE @ @\

```

```

@echo "Checking "^^^dependency" in "^^^directory"..." @@\
cd ^^directory; $(MAKE) ^^dependency @@\
@echo "Continuing in $(CURRENT)..." @!\
    @!\
-once

/*
* SetSubdirs:
* Actually forces the definition of SUBDIRS, and lets the user
* specify what the sub-directories are. This will be added to the
* customization part.
*/
#define SetSubdirs(subdirs) @!\
>SUBDIRS @!\
+SUBDIRS = subdirs

/*
* NoManPages:
* Actually forces the definition of NOMAN, which tells the jmake
* program to not generate rules for installing manual pages.
*/
#define NoManPages() @!\
>NOMAN

/*
* Expand:
* This powerful macro expands the `rule' given a `pattern'. It
* relies on a built-in command in jmake. The expansion is
* documented in the short notes file that comes with jmake and
* gives some insights on the internal syntax.
*/
#define Expand(rule, pattern) @!\
|expand pattern @!\
rule @!\
-expand

/*
* Lex and yacc stuff.
*/

/*
* YaccRule:
* This is the rule which is used to build a .c file from a .y file.
*/
#define YaccRule() @!\

```

```

AddSuffix(.y) @!\
|once _YaccRule_ @!\
|rule:.y.c: @!\
|rule: $(YACC) $(JYFLAGS) $< @!\
|rule: $(MV) y.tab.c $@ @!\
|rule: @!\
-once

/*
* SimpleYaccTarget:
* Declare a yacc base.y file to be used in the building of the
* specified target program. The source file must be given without
* its final .y extension. The name of the .c and .o will be
* derived from the source file basename provided.
*/
#define SimpleYaccTarget(program,base) @!\
++SOURCES base.y @!\
++OBJECTS base.o @!\
YaccRule() @!\
program: base.c @!\
    @!\
local_realclean:: @@\
$(RM) base.c @!\

/*
* ComplexYaccTarget:
* Declare a yacc base.y file to be used in the building of the
* specified target program. The source file must be given without
* its final .y extension. The name of the .c and .o will be
* derived from the source file basename provided.
* The difference with SimpleYaccTarget is the identifying process
* where all the 'yy' are replaced by the specified prefix.
*/
#define ComplexYaccTarget(program,base,prefix) @!\
++SOURCES base.y @!\
++OBJECTS base.o @!\
program: base.c @!\
    @!\
base.c: base.y @@\
$(YACC) $(JYFLAGS) base.y @@\
$(SED) -e 's/yy\(.)/prefix\1/g' < y.tab.c > base.c @@\
$(SED) -e 's/yy\(.)/prefix\1/g' < y.tab.h > base.h @@\
$(RM) y.tab.c y.tab.h @!\
    @!\
local_realclean:: @@\
$(RM) base.c @!\

```



```

/*
* SimpleYaccInclude:
* Declare that program will need an include file produced by
* the output of yacc on base.y, which typically produces a file
* named y.tab.h, which will be renamed as base.h.
* The only problem is that the dependencies towards base.h have
* to be manually given in the Jmakefile.
*/
#define SimpleYaccInclude(base) @!\
base.h: base.c @@\
@if test -f y.tab.h; then \ @@\
echo " $(MV) y.tab.h $@"; \ @@\
$(MV) y.tab.h $@; \ @@\
fi    @!\
    @!\
local_realclean::  @@\
$(RM) base.h

/*
* ComplexYaccInclude:
* Declare that program will need an include file produced by
* the output of yacc on base.y, which typically produces a file
* named y.tab.h, which will be renamed as base.h.
* The difference with SimpleYaccInclude is the identifying process
* of the y.tab.h file where all 'yy' are renamed to prefix.
* The only problem is that the dependencies towards base.h have
* to be manually given in the Jmakefile.
*/
#define ComplexYaccInclude(base,prefix) @!\
base.h: base.c @@\
@if test -f y.tab.h; then \ @@\
echo " $(SED) -e 's/yy/(.)/prefix\1/g' < y.tab.h > base.h"; \ @@\
$(SED) -e 's/yy/(.)/prefix\1/g' < y.tab.h > base.h; \ @@\
echo " $(RM) y.tab.h"; \ @@\
$(RM) y.tab.h; \ @@\
elif test -f base.h; then \ @@\
echo " $(CP) base.h base.ht"; \ @@\
$(CP) base.h base.ht; \ @@\
echo " $(SED) -e 's/yy/(.)/prefix\1/g' < base.ht > base.h"; \ @@\
$(SED) -e 's/yy/(.)/prefix\1/g' < base.ht > base.h; \ @@\
echo " $(RM) base.ht"; \ @@\
$(RM) base.ht; \ @@\
fi    @!\
    @!\
local_realclean::  @@\
$(RM) base.h

```

```

/*
* NormalYaccTarget:
* Declare a yacc base.y file which should produce a base.c and
* base.h file as derived from the output of yacc, to be used by
* the specified program.
*/
#define NormalYaccTarget(program,base) @!\
SimpleYaccTarget(program,base) @!\
SimpleYaccInclude(base)

```

```

/*
* IdentifiedYaccTarget:
* Declare a yacc base.y file which should produce a base.c and
* base.h file as derived from the output of yacc, to be used by
* the specified program. The specified prefix is used to remplace
* all the 'yy' in the generated file, for use when more than a
* single parser is needed in one executable.
*/
#define IdentifiedYaccTarget(program,base,prefix) @!\
ComplexYaccTarget(program,base,prefix) @!\
ComplexYaccInclude(base,prefix)

```

```

/*
* SimpleLexTarget:
* This declares a lex base.l file which is to be ran through
* lex to produce a base.c file.
*/
#define SimpleLexTarget(program,base) @!\
++SOURCES base.l @!\
++OBJECTS base.o @!\
|once _LexRule_ @!\
|rule:.l.c: @!\
|rule: $(LEX) $(JLFLAGS) $< @!\
|rule: $(MV) lex.yy.c $@ @!\
|rule: @!\
-once @!\
AddSuffix(.l) @!\
program: base.c @!\
 @!\
local_realclean:: @@\
$(RM) base.c @!\

```

```

/*
* IdentifiedLexTarget:

```

```

* This declares a lex base.l file which is to be ran through
* lex to produce a base.c file. The prefix is used to replace
* the 'yy', so that the lexical analyzer may be identified.
*/
#define IdentifiedLexTarget(program,base,prefix) @!\
++SOURCES base.l @!\
++OBJECTS base.o @!\
program: base.c @!\
    @!\
base.c: base.l @@\
$(LEX) $(JLFLAGS) base.l @@\
$(SED) -e 's/yy\(.)/prefix\1/g' < lex.yy.c > base.c @@\
$(RM) lex.yy.c @!\
    @!\
local_realclean:: @@\
$(RM) base.c @!\

/*
* NormalLexDependTarget:
* Declare that program will need an include file produced by
* the output of lex on base.l, which typically produces a file
* named lex.yy.c which will be renamed as base.c. Besides, the
* lexical analyzer needs the file parser.h produced by running
* parser.y through yacc and renaming y.tab.h as parser.h.
*/
#define NormalLexDependTarget(program,base,parser) @!\
base.o: parser.h @!\
    @!\
SimpleLexTarget(program,base)

/*
* IdentifiedLexDependTarget:
* Declare that program will need an include file produced by
* the output of lex on base.l, which typically produces a file
* named lex.yy.c which will be renamed as base.c. Besides, the
* lexical analyzer needs the file parser.h produced by running
* parser.y through yacc and renaming y.tab.h as parser.h.
* The lexical analyzer is identified with the supplied prefix,
* which replaces the regular 'yy' prefix in the symbol names.
*/
#define IdentifiedLexDependTarget(program,base,parser,prefix) @!\
base.o: parser.h @!\
    @!\
IdentifiedLexTarget(program,base,prefix)

```

```

/*
 * NormalParserTarget:
 * Specify that program is using the lex/yacc combination to
 * produce a parser. The lexic and parser parameters are the
 * base name of the .l and .y file, respectively.
 */
#define NormalParserTarget(program,lexic,parser) @!\
NormalLexDependTarget(program,lexic,parser) @!\
NormalYaccTarget(program,parser)

```

```

/*
 * IdentifiedParserTarget:
 * Specify that program is using the lex/yacc combination to
 * produce a parser. The lexic and parser parameters are the
 * base name of the .l and .y file, respectively. The parser
 * produced is identified via its prefix, which replaces all
 * the normally supplied 'yy' prefix, hence making it possible
 * to have multiple parsers in a single executable.
 */
#define IdentifiedParserTarget(program,lexic,parser,prefix) @!\
IdentifiedLexDependTarget(program,lexic,parser,prefix) @!\
IdentifiedYaccTarget(program,parser,prefix)

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/files/Imake.rules

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getservent\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_getservent\_r getservent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
 usethreads i\_netdb extern\_C

?MAKE: -pick add \$@ %<

?S:d\_getservent\_r:

?S: This variable conditionally defines the HAS\_GETSERVENT\_R symbol,

?S: which indicates to the C program that the getservent\_r()

?S: routine is available.

?S:.

?S:getservent\_r\_proto:

?S: This variable encodes the prototype of getservent\_r.

?S: It is zero if d\_getservent\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getservent\_r  
?S: is defined.  
?S:.  
?C:HAS\_GETSERVENT\_R:  
?C: This symbol, if defined, indicates that the getservent\_r routine  
?C: is available to getservent re-entrantly.  
?C:.  
?C:GETSERVENT\_R\_PROTO:  
?C: This symbol encodes the prototype of getservent\_r.  
?C: It is zero if d\_getservent\_r is undef, and one of the  
?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getservent\_r  
?C: is defined.  
?C:.  
?H:#\$d\_getservent\_r HAS\_GETSERVENT\_R /\*\*/  
?H:#define GETSERVENT\_R\_PROTO \$getservent\_r\_proto /\*\*/  
?H:.  
?T:try hdrs d\_getservent\_r\_proto  
: see if getservent\_r exists  
set getservent\_r d\_getservent\_r  
eval \$inlibc  
case "\$d\_getservent\_r" in  
"\$define")  
hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_netdb netdb.h"  
case "\$d\_getservent\_r\_proto:\$usethreads" in  
":define") d\_getservent\_r\_proto=define  
set d\_getservent\_r\_proto getservent\_r \$hdrs  
eval \$hasproto ;;  
\*) ;;  
esac  
case "\$d\_getservent\_r\_proto" in  
define)  
case "\$getservent\_r\_proto" in  
"|0) try='int getservent\_r(struct servent\*, char\*, size\_t, struct servent\*\*);'  
./protochk "\$extern\_C \$try" \$hdrs && getservent\_r\_proto=I\_SBWR ;;  
esac  
case "\$getservent\_r\_proto" in  
"|0) try='int getservent\_r(struct servent\*, char\*, int);'  
./protochk "\$extern\_C \$try" \$hdrs && getservent\_r\_proto=I\_SBI ;;  
esac  
case "\$getservent\_r\_proto" in  
"|0) try='struct servent\* getservent\_r(struct servent\*, char\*, int);'  
./protochk "\$extern\_C \$try" \$hdrs && getservent\_r\_proto=S\_SBI ;;  
esac  
case "\$getservent\_r\_proto" in  
"|0) try='int getservent\_r(struct servent\*, struct servent\_data\*);'  
./protochk "\$extern\_C \$try" \$hdrs && getservent\_r\_proto=I\_SD ;;  
esac  
case "\$getservent\_r\_proto" in

```

"|0) d_getservent_r=undef
getservent_r_proto=0
echo "Disabling getservent_r, cannot determine prototype." >&4 ;;
*) case "$getservent_r_proto" in
REENTRANT_PROTO*) ;;
*) getservent_r_proto="REENTRANT_PROTO_$getservent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "getservent_r has no prototype, not using it." >&4 ;;
esac
d_getservent_r=undef
getservent_r_proto=0
;;
esac
;;
*) getservent_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getservent_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_flexfnam.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:04 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_flexfnam: cat rm test Setvar

?MAKE: -pick add \$@ %<

?S:d\_flexfnam:

?S: This variable conditionally defines the FLEXFILENAMES symbol, which

?S: indicates that the system supports filenames longer than 14 characters.

?S:.

?C:FLEXFILENAMES:

?C: This symbol, if defined, indicates that the system supports filenames

?C: longer than 14 characters.

?C:.

?H:#\$d\_flexfnam FLEXFILENAMES /\*\*/

?H:.

?T:first second

?LINT:set d\_flexfnam

: see if we can have long filenames

echo " "

?X:

?X: We have to test in both /tmp and . because of NFS (remote server may allow

?X: long filenames while the local filesystem cannot support them). If at least

?X: one of those file systems cannot support long filenames, then we assume the

?X: whole system can't.

?X:

```
rmlist="$rmlist /tmp/cf$$"
```

```
$test -d /tmp/cf$$ || mkdir /tmp/cf$$
```

```
first=123456789abcdef
```

```
second=/tmp/cf$$/$first
```

```
$rm -f $first $second
```

```
if (echo hi >$first) 2>/dev/null; then
```

```
if $test -f 123456789abcde; then
```

```
    echo 'You cannot have filenames longer than 14 characters. Sigh.' >&4
```

```
    val="$undef"
```

```
else
```

```
if (echo hi >$second) 2>/dev/null; then
```

```
if $test -f /tmp/cf$$/123456789abcde; then
```

```
    $cat <<'EOM'
```

That's peculiar... You can have filenames longer than 14 characters, but only

on some of the filesystems. Maybe you are using NFS. Anyway, to avoid problems

I shall consider your system cannot support long filenames at all.

EOM

```
    val="$undef"
```

```
else
```

```
    echo 'You can have filenames longer than 14 characters.' >&4
```

```
    val="$define"
```

```
fi
```

```
else
```

```
    $cat <<'EOM'
```

How confusing! Some of your filesystems are sane enough to allow filenames

longer than 14 characters but some others like /tmp can't even think about them.

So, for now on, I shall assume your kernel does not allow them at all.

EOM

```
    val="$undef"
```

```
fi
```

```
fi
```

```
else
```

```
    $cat <<'EOM'
```

You can't have filenames longer than 14 chars. You can't even think about them!

EOM

```
val="$undef"  
fi  
set d_flexfnam  
eval $setvar  
$rm -rf /tmp/cf$$ 123456789abcde*
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_flexfnam.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setlocale\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

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?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_setlocale\_r setlocale\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
 usethreads i\_locale extern\_C

?MAKE: -pick add \$@ %<

?S:d\_setlocale\_r:

?S: This variable conditionally defines the HAS\_SETLOCALE\_R symbol,

?S: which indicates to the C program that the setlocale\_r()

?S: routine is available.

?S:.

?S:setlocale\_r\_proto:

?S: This variable encodes the prototype of setlocale\_r.

?S: It is zero if d\_setlocale\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_setlocale\_r

?S: is defined.

?S:.

?C:HAS\_SETLOCALE\_R:

?C: This symbol, if defined, indicates that the setlocale\_r routine

?C: is available to setlocale re-entrantly.

?C:.

?C:SETLOCALE\_R\_PROTO:

?C: This symbol encodes the prototype of setlocale\_r.

?C: It is zero if d\_setlocale\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_setlocale\_r

?C: is defined.

?C:.

?H:#\$d\_setlocale\_r HAS\_SETLOCALE\_R /\*\*/

?H:#define SETLOCALE\_R\_PROTO \$setlocale\_r\_proto /\*\*/

?H:.



```

?T:try hdrs d_setlocale_r_proto
: see if setlocale_r exists
set setlocale_r d_setlocale_r
eval $inlibc
case "$d_setlocale_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_locale locale.h"
case "$d_setlocale_r_proto:$usethreads" in
":define") d_setlocale_r_proto=define
set d_setlocale_r_proto setlocale_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_setlocale_r_proto" in
define)
case "$setlocale_r_proto" in
"|0) try='int setlocale_r(int, const char*, char*, int);'
./protochk "$extern_C $try" $hdrs && setlocale_r_proto=I_ICBI ;;
esac
case "$setlocale_r_proto" in
"|0) d_setlocale_r=undef
setlocale_r_proto=0
echo "Disabling setlocale_r, cannot determine prototype." >&4 ;;
* ) case "$setlocale_r_proto" in
REENTRANT_PROTO*) ;;
*) setlocale_r_proto="REENTRANT_PROTO_$setlocale_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "setlocale_r has no prototype, not using it." >&4 ;;
esac
d_setlocale_r=undef
setlocale_r_proto=0
;;
esac
;;
*) setlocale_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setlocale_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:  
?RCS: Copyright (c) 2014, H.Merijn Brand  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_backtrace.U,v \$  
?RCS:  
?MAKE:d\_backtrace: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_backtrace:  
?S: This variable conditionally defines the HAS\_BACKTRACE symbol, which  
?S: indicates to the C program that the backtrace() routine is available  
?S: to get a stack trace.  
?S:.  
?C:HAS\_BACKTRACE:  
?C: This symbol, if defined, indicates that the backtrace() routine is  
?C: available to get a stack trace. The <execinfo.h> header must be  
?C: included to use this routine.  
?C:.  
?H:#\$d\_backtrace HAS\_BACKTRACE /\*\*/  
?H:.  
?LINT:set d\_backtrace  
: see if backtrace exists  
set backtrace d\_backtrace  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_backtrace.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_euc2jis.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_euc2jis.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:05:58 ram  
?RCS: Baseline for dist 3.0 netwide release.

```

?RCS:
?MAKE:d_euc2jis: Inlibc
?MAKE: -pick add $@ %<
?S:d_euc2jis:
?S: This variable conditionally defines the HAS_EUC2JIS symbol, which
?S: indicates to the C program that the euc2jis() routine is available
?S: to convert EUC to JIS.
?S:.
?C:HAS_EUC2JIS:
?C: This symbol, if defined, indicates that the euc2jis routine is
?C: available to convert EUC to JIS.
?C:.
?H:#$d_euc2jis HAS_EUC2JIS /**/
?H:.
?LINT:set d_euc2jis
: see if euc2jis exists
set euc2jis d_euc2jis
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_euc2jis.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sig_name.U,v $
?RCS: Revision 3.0.1.5 1997/02/28 16:21:25 ram
?RCS: patch61: brand new algorithm for sig_name and (new!) sig_num
?RCS:
?RCS: Revision 3.0.1.4 1995/07/25 14:14:54 ram
?RCS: patch56: added <asm/signal.h> lookup for linux
?RCS:
?RCS: Revision 3.0.1.3 1995/05/12 12:24:11 ram
?RCS: patch54: now looks for <linux/signal.h> too (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1994/06/20 07:06:57 ram
?RCS: patch30: final echo was missing to close awk-printed string
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:17:55 ram

```

?RCS: patch23: signal list now formatted to avoid scroll-ups (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:47 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:sig\_name sig\_name\_init sig\_num sig\_num\_init sig\_count sig\_size: \  
 awk Signal Oldconfig rm

?MAKE: -pick add \$@ %<

?S:sig\_name:

?S: This variable holds the signal names, space separated. The leading  
 ?S: SIG in signal name is removed. A ZERO is prepended to the  
 ?S: list. This is currently not used.

?S:.

?S:sig\_name\_init:

?S: This variable holds the signal names, enclosed in double quotes and  
 ?S: separated by commas, suitable for use in the SIG\_NAME definition  
 ?S: below. A "ZERO" is prepended to the list, and the list is  
 ?S: terminated with a plain 0. The leading SIG in signal names  
 ?S: is removed. See sig\_num.

?S:.

?S:sig\_num:

?S: This variable holds the signal numbers, space separated. A ZERO is  
 ?S: prepended to the list (corresponding to the fake SIGZERO), and  
 ?S: the list is terminated with a 0. Those numbers correspond to  
 ?S: the value of the signal listed in the same place within the  
 ?S: sig\_name list.

?S:.

?S:sig\_num\_init:

?S: This variable holds the signal numbers, enclosed in double quotes and  
 ?S: separated by commas, suitable for use in the SIG\_NUM definition  
 ?S: below. A "ZERO" is prepended to the list, and the list is  
 ?S: terminated with a plain 0.

?S:.

?S:sig\_count (sig\_name.U):

?S: This variable holds a number larger than the largest valid  
 ?S: signal number. This is usually the same as the NSIG macro.

?S:.

?S:sig\_size:

?S: This variable contains the number of elements of the sig\_name  
 ?S: and sig\_num arrays, excluding the final NULL entry.

?S:.

?C:SIG\_NAME:

?C: This symbol contains a list of signal names in order of  
 ?C: signal number. This is intended  
 ?C: to be used as a static array initialization, like this:  
 ?C: char \*sig\_name[] = { SIG\_NAME };

?C: The signals in the list are separated with commas, and each signal  
 ?C: is surrounded by double quotes. There is no leading SIG in the signal

?C: name, i.e. SIGQUIT is known as "QUIT".

?C: Gaps in the signal numbers (up to NSIG) are filled in with NUMnn,

?C: etc., where nn is the actual signal number (e.g. NUM37).

?C: The signal number for sig\_name[i] is stored in sig\_num[i].

?C: The last element is 0 to terminate the list with a NULL. This

?C: corresponds to the 0 at the end of the sig\_num list.

?C:.

?C:SIG\_NUM:

?C: This symbol contains a list of signal numbers, in the same order as the

?C: SIG\_NAME list. It is suitable for static array initialization, as in:

?C: int sig\_num[] = { SIG\_NUM };

?C: The signals in the list are separated with commas, and the indices

?C: within that list and the SIG\_NAME list match, so it's easy to compute

?C: the signal name from a number or vice versa at the price of a small

?C: dynamic linear lookup.

?C: Duplicates are allowed, but are moved to the end of the list.

?C: The signal number corresponding to sig\_name[i] is sig\_number[i].

?C: if (i < NSIG) then sig\_number[i] == i.

?C: The last element is 0, corresponding to the 0 at the end of

?C: the sig\_name list.

?C:.

?C:SIG\_COUNT:

?C: This variable contains a number larger than the largest

?C: signal number. This is usually the same as the NSIG macro.

?C:.

?C:SIG\_SIZE:

?C: This variable contains the number of elements of the sig\_name

?C: and sig\_num arrays, excluding the final NULL entry.

?C:.

?H:#define SIG\_NAME \$sig\_name\_init /\*\*/  
?H:#define SIG\_NUM \$sig\_num\_init /\*\*/  
?H:#define SIG\_COUNT \$sig\_count /\*\*/  
?H:#define SIG\_SIZE \$sig\_size /\*\*/  
?H:.  
?T:i doinit  
?F:!= !signal\_cmd  
?X: signal.cmd creates a file signal.lst which has two columns:  
?X: NAME number, e.g.  
?X: HUP 1  
?X: The list is sorted on signal number, with duplicates moved to  
?X: the end..  
: generate list of signal names  
echo " "  
case "\$sig\_name\_init" in  
") doinit=yes ;;  
\*) case "\$sig\_num\_init" in  
"\*) doinit=yes ;;  
esac ;;

```

esac
case "$doinit" in
yes)
echo "Generating a list of signal names and numbers..." >&4
. ./signal_cmd
sig_count=`$awk '/^NSIG/ { printf "%d", $2 }' signal.lst`
sig_name=`$awk 'BEGIN { printf "ZERO " }
!/^NSIG/ { printf "%s ", $1 }' signal.lst`
sig_num=`$awk 'BEGIN { printf "0 " }
!/^NSIG/ { printf "%d ", $2 }' signal.lst`
sig_name_init=`$awk 'BEGIN { printf "\"ZERO\", " }
!/^NSIG/ { printf "\"%s\", ", $1 }
END { printf "0\n" }' signal.lst`
sig_num_init=`$awk 'BEGIN { printf "0, " }
!/^NSIG/ { printf "%d, ", $2 }
END { printf "0\n" }' signal.lst`
;;
esac
echo "The following $sig_count signals are available:"
echo " "
echo $sig_name | $awk \
'BEGIN { linelen = 0 }
{
for (i = 1; i <= NF; i++) {
name = "SIG" $i " "
linelen = linelen + length(name)
if (linelen > 70) {
printf "\n"
linelen = length(name)
}
printf "%s", name
}
printf "\n"
}'
sig_size=`echo $sig_name | awk '{print NF}'`
$rm -f signal signal.c signal.awk signal.lst signal_cmd

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sig\_name.U

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?RCS: \$Id\$

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: Options.U,v \$  
?RCS: Revision 3.0.1.7 1997/02/28 15:08:15 ram  
?RCS: patch61: optdef.sh now starts with a "startsh"  
?RCS: patch61: moved some code from Head.U  
?RCS:  
?RCS: Revision 3.0.1.6 1995/09/25 09:14:46 ram  
?RCS: patch59: protected option parsing code against 'echo -\*' option failure  
?RCS:  
?RCS: Revision 3.0.1.5 1995/05/12 12:04:52 ram  
?RCS: patch54: added -K option for experts  
?RCS:  
?RCS: Revision 3.0.1.4 1995/01/30 14:27:52 ram  
?RCS: patch49: this unit now exports file optdef.sh, not a variable  
?RCS:  
?RCS: Revision 3.0.1.3 1995/01/11 15:19:00 ram  
?RCS: patch45: new -O option allowing -D and -U to override config.sh settings  
?RCS: patch45: file optdef.sh is no longer removed after sourcing  
?RCS:  
?RCS: Revision 3.0.1.2 1994/10/29 15:58:06 ram  
?RCS: patch36: ensure option definition file is removed before appending  
?RCS: patch36: protect variable definitions with spaces in them  
?RCS:  
?RCS: Revision 3.0.1.1 1994/06/20 06:55:44 ram  
?RCS: patch30: now uses new me symbol to tag error messages  
?RCS: patch30: new -D and -U options to define/undef symbols (JHI)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:14 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: Command line parsing. It is really important that the variables used here  
?X: be not listed in the MAKE line, or they will be saved in config.sh and  
?X: loading this file to fetch default answers would clobber the values set  
?X: herein.  
?X:  
?MAKE:Options: startsh  
?MAKE: -pick wipe \$@ %<  
?V:reuseval alldone error realsilent silent extractsh fastread \  
override knowitall: config\_sh  
?T:arg argn symbol config\_arg0 config\_args config\_argc xxx yyy zzz uuu  
?T:args\_exp args\_sep arg\_exp  
?F:!Configure  
?F:./optdef.sh ./cmdline.opt ./posthint.sh ./cmdl.opt  
: Save command line options in file UU/cmdline.opt for later use in

: generating config.sh.

?X: This temporary file will be read by Oldsym.U. I used a temporary

?X: file to preserve all sorts of potential command line quotes and

?X: also because we don't know in advance how many variables we'll

?X: need, so I can't actually declare them on the MAKE line.

?X: The config\_args variable won't be quite correct if Configure is

?X: fed something like ./Configure -Dcc="gcc -B/usr/ccs/bin/"

?X: since the quotes are gone by the time we see them. You'd have to

?X: reconstruct the command line from the config\_arg? lines, but since

?X: I don't imagine anyone actually having to do that, I'm not going

?X: to worry too much.

```
cat > cmdline.opt <<EOSH
```

```
: Configure command line arguments.
```

```
config_arg0='$0'
```

```
config_args='$*'
```

```
config_argc=$#
```

```
EOSH
```

```
argn=1
```

```
args_exp=""
```

```
args_sep=""
```

```
for arg in "$@"; do
```

```
  cat >>cmdline.opt <<EOSH
```

```
  config_arg$argn='$arg'
```

```
EOSH
```

?X: Extreme backslashitis: replace each ' by ''''''

```
  cat <<EOC | sed -e "s/'/'''/g" > cmdl.opt
```

```
  $arg
```

```
EOC
```

```
  arg_exp=`cat cmdl.opt`
```

```
  args_exp="$args_exp$args_sep$args_exp"
```

```
  argn=`expr $argn + 1`
```

```
  args_sep=' '
```

```
done
```

?X: args\_exp is good for restarting self: eval "set X \$args\_exp"; shift; \$0 "\$@"

?X: used by hints/os2.sh in Perl, for instance

```
rm -f cmdl.opt
```

: produce awk script to parse command line options

```
cat >options.awk <<'EOF'
```

```
BEGIN {
```

```
  optstr = "A:dD:eEf:hKOrsSU:V"; # getopt-style specification
```

```
  len = length(optstr);
```

```
  for (i = 1; i <= len; i++) {
```

```
    c = substr(optstr, i, 1);
```

?X: some older awk's do not have the C ?: construct

```
    if (i < len) a = substr(optstr, i + 1, 1); else a = "";
```

```
    if (a == ":") {
```



```

    arg[c] = 1;
    i++;
}
opt[c] = 1;
}
}
{
expect = 0;
str = $0;
if (substr(str, 1, 1) != "-") {
    printf("%s\n", str);
    next;
}
len = length($0);
for (i = 2; i <= len; i++) {
    c = substr(str, i, 1);
    if (!opt[c]) {
        printf("-%s\n", substr(str, i));
        next;
    }
    printf("%s\n", c);
    if (arg[c]) {
        if (i < len)
            printf("%s\n", substr(str, i + 1));
        else
            expect = 1;
        next;
    }
}
}
END {
    if (expect)
        print "?";
}
EOF

```

: process the command line options

?X: Use "\$@" to keep arguments with spaces in them from being split apart.

?X: For the same reason, awk will output quoted arguments and the final eval

?X: removes them and sets a proper \$\* array. An 'X' is prepended to each

?X: argument before being fed to echo to guard against 'echo -x', where -x

?X: would be understood as an echo option! It is removed before feeding awk.

```
set X `for arg in "$@"; do echo "X$arg"; done |
```

```
sed -e s/X// | awk -f options.awk`
```

```
eval "set $*"
```

```
shift
```

```
rm -f options.awk
```

```
: set up default values
fastread=""
reuseval=false
config_sh=""
alldone=""
error=""
silent=""
extractsh=""
override=""
knowitall=""
rm -f optdef.sh posthint.sh
cat >optdef.sh <<EOS
$startsh
EOS
```

?X:

?X: Given that we now have the possibility to execute Configure remotely

?X: thanks to the new src.U support, we have to face the possibility

?X: of having to ask where the source lie, which means we need the Myread.U

?X: stuff and possibly other things that might echo something on the

?X: screen...

?X:

?X: That's not pretty, and might be confusing in 99% of the time. So...

?X: We introduce a new realsilent variable which is set when -s is given,

?X: and we force silent=true if -S is supplied. The Extractall.U unit

?X: will then undo the >&4 redirection based on the value of the

?X: realsilent variable... -- RAM, 18/93/96

?X:

: option parsing

```
while test $# -gt 0; do
case "$1" in
-d) shift; fastread=yes;;
-e) shift; alldone=cont;;
-f)
shift
cd ..
if test -r "$1"; then
config_sh="$1"
else
echo "$me: cannot read config file $1." >&2
error=true
fi
cd UU
shift;;
-h) shift; error=true;;
-r) shift; reuseval=true;;
-s) shift; silent=true; realsilent=true;;
```

```

-E) shift; alldone=exit;;
-K) shift; knowitall=true;;
-O) shift; override=true;;
-S) shift; silent=true; extractsh=true;;
-D)
  shift
  case "$1" in
  *)
    echo "$me: use '-U symbol=', not '-D symbol='." >&2
    echo "$me: ignoring -D $1" >&2
    ;;
  *) echo "$1" | \
    sed -e "s/'/'/g" -e "s/=(.*)/=\\1/'" >> optdef.sh;;
  *) echo "$1='define'" >> optdef.sh;;
  esac
  shift
  ;;
-U)
  shift
  case "$1" in
  *) echo "$1" >> optdef.sh;;
  *)
    echo "$me: use '-D symbol=val', not '-U symbol=val'." >&2
    echo "$me: ignoring -U $1" >&2
    ;;
  *) echo "$1='undef'" >> optdef.sh;;
  esac
  shift
  ;;
-A)
  shift
  xxx=""
  yyy="$1"
  zzz=""
  uuu=undef
  case "$yyy" in
  *) zzz=`echo "$yyy"|sed 's!=.*!!'^
    case "$zzz" in
    *.* ) zzz=" " ;;
    *) xxx=append
      zzz=" "`echo "$yyy"|sed 's!^[^=]*!!'^
      yyy=`echo "$yyy"|sed 's!=.*!!'^
    esac
    ;;
  esac
  case "$xxx" in
  ") case "$yyy" in
  *.* ) xxx=`echo "$yyy"|sed 's!:.*!!'^

```

```

        yyy=`echo "$yyy"|sed 's!^[^:]*!!'^
        zzz=`echo "$yyy"|sed 's!^[^=]*!!'^
        yyy=`echo "$yyy"|sed 's!.=.*!!'^ ;;
*) xxx=`echo "$yyy"|sed 's!:.!!'^
        yyy=`echo "$yyy"|sed 's!^[^:]*!!'^ ;;
    esac
    ;;
    esac
    case "$xxx" in
    append)
    echo "$yyy=\"\${$yyy}$zzz\"" >> posthint.sh ;;
    clear)
    echo "$yyy="" >> posthint.sh ;;
    define)
        case "$zzz" in
        ") zzz=define ;;
    esac
    echo "$yyy='$zzz'" >> posthint.sh ;;
    eval)
    echo "eval \"\$yyy=$zzz\"" >> posthint.sh ;;
    prepend)
    echo "$yyy=\"$zzz\${$yyy}\"" >> posthint.sh ;;
    undef)
        case "$zzz" in
        ") zzz="$uuu" ;;
    esac
    echo "$yyy=$zzz" >> posthint.sh ;;
        *) echo "$me: unknown -A command '$xxx', ignoring -A $1" >&2 ;;
    esac
    shift
    ;;
-V) echo "$me generated by metaconfig <VERSION> PL<PATCHLEVEL>." >&2
    exit 0;;
--) break;;
-*) echo "$me: unknown option $1" >&2; shift; error=true;;
*) break;;
    esac
done

case "$error" in
true)
cat >&2 <<EOM
Usage: $me [-dehrsEKOSV] [-f config.sh] [-D symbol] [-D symbol=value]
        [-U symbol] [-U symbol=] [-A command:symbol...]
-d : use defaults for all answers.
-e : go on without questioning past the production of config.sh.
-f : specify an alternate default configuration file.
-h : print this help message and exit (with an error status).

```

-r : reuse C symbols value if possible (skips costly nm extraction).  
-s : silent mode, only echoes questions and essential information.  
-D : define symbol to have some value:  
    -D symbol      symbol gets the value 'define'  
    -D symbol=value symbol gets the value 'value'  
-E : stop at the end of questions, after having produced config.sh.  
-K : do not use unless you know what you are doing.  
-O : let -D and -U override definitions from loaded configuration file.  
-S : perform variable substitutions on all .SH files (can mix with -f)  
-U : undefine symbol:  
    -U symbol   symbol gets the value 'undef'  
    -U symbol=   symbol gets completely empty  
-A : manipulate symbol after the platform specific hints have been applied:  
-A symbol=value append " "value to symbol  
-A append:symbol=value append value to symbol  
-A define:symbol=value define symbol to have value  
    -A clear:symbol define symbol to be "  
-A define:symbol define symbol to be 'define'  
-A eval:symbol=value define symbol to be eval of value  
-A prepend:symbol=value prepend value to symbol  
-A undef:symbol define symbol to be 'undef'  
-A undef:symbol= define symbol to be "  
-V : print version number and exit (with a zero status).

EOM

exit 1

::

esac

?X:

?X: Unless they specified either -S or both -d and -e/E, make sure we're

?X: running interactively, i.e. attached to a terminal. Moved from Head.U to

?X: be able to handle batch configurations...

?X:

?X: We have to hardwire the Configure name and cannot use \$me, since if they

?X: said 'sh <Configure', then \$me is 'sh'...

?X:

: Sanity checks

case "\$fastread\$alldone" in

yescont|yesexit) ;;

\*)

case "\$extractsh" in

true) ;;

\*)

if test ! -t 0; then

    echo "Say 'sh Configure', not 'sh <Configure'"

    exit 1

fi

::

```
esac
;;
esac
```

```
?X: In silent mode, the standard output is closed. Questions are asked by
?X: outputting on file descriptor #4, which is the original stdout descriptor.
?X: This filters out all the "junk", since all the needed information is written
?X: on #4. Note that ksh will not let us redirect output if the file descriptor
?X: has not be defined yet, unlike sh, hence the following line...--RAM.
exec 4>&1
case "$silent" in
true) exec 1>/dev/null;;
esac
```

: run the defines and the undefines, if any, but leave the file out there...

```
touch optdef.sh
```

```
./optdef.sh
```

: create the posthint manipulation script and leave the file out there...

```
?X: this file will be perused by Oldconfig.U
```

```
touch posthint.sh
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Options.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_group.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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```
?RCS: as specified in the README file that comes with the distribution.
```

```
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```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
```

```
?RCS:
```

```
?RCS: $Log: d_group.U,v $
```

```
?RCS: Revision 3.0.1.2 1997/02/28 15:34:52 ram
```

```
?RCS: patch61: useless unit dropped.
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/08/29 16:07:48 ram
```

```
?RCS: patch32: created by ADO
```

```
?RCS:
```

```
?X:
```

```
?X: Useless unit dropped.
```

```
?X:
```

?LINT:empty

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_group.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_semget.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_semget.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:05 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_semget: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_semget:

?S: This variable conditionally defines the HAS\_SEMGET symbol, which

?S: indicates to the C program that the semget() routine is available.

?S:.

?C:HAS\_SEMGET:

?C: This symbol, if defined, indicates that the semget() routine is

?C: available to get a set of semaphores.

?C:.

?H:#\$d\_semget HAS\_SEMGET /\*\*/

?H:.

?LINT:set d\_semget

: see if semget exists

set semget d\_semget

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_semget.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_NeWS.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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```

?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_NeWS.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:39 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_news d_news0 d_newshome d_textcan: test rm Myread Getfile
?MAKE: -pick add $@ %<
?S:d_news:
?S: Set if running NeWS 1.1
?S:.
?S:d_news0:
?S: Set if running NeWS 1.0
?S:.
?S:d_newshome:
?S: Path to the top directory of the NeWS structure.
?S:.
?S:d_textcan:
?S: Path to where the textcan.ps stuff is...
?S:.
?C:HAS_NEWS1_1 (NEWS1_1):
?C: This symbol defined if running NeWS 1.1.
?C:.
?C:HAS_NEWS1_0 (NEWS1_0):
?C: This symbol defined if running NeWS 1.0.
?C:.
?C:TEXTCAN:
?C: Tells path to where the textcan.ps stuff is...
?C:.
?H:#$d_news HAS_NEWS1_1 /**/
?H:#$d_news0 HAS_NEWS1_0 /**/
?H:#define TEXTCAN $d_textcan /**/
?H:.
?INIT:: default path for NeWS
?INIT:d_newshome="/usr/NeWS"
?INIT:
: Check to see what version of NeWS is being run?
cd ..
echo " "
echo "Now for the interesting stuff... Lets see what kind of NeWS"
echo "they grow round here...."
echo " "
dflt='y'
if $test -d $d_newshome; then
d_newshome=`(cd $d_newshome ; /bin/pwd)`

```



```

echo "Ah...found myself a NeWS in $d_newshome..."
dflt='y'
rp="Is this the NeWS you want your children to grow up with?"
. UU/myread
fi
while $test $ans = "n"; do
dflt=$d_newshome
fn=d
rp="Path to NeWS you want:"
. UU/getfile
d_newshome=$ans

echo " "
if $test ! -d $d_newshome/lib; then
echo "ARG! No lib directory in $d_newshome!!!"
: heavy medicine. I wonder what the disease is...
$rm -f kit*isdone
$rm -rf UU
: bye bye
set -t; echo "Sorry... no NeWS is bad news..."
fi

if $test -r $d_newshome/lib/NeWS/colors.ps ; then
echo 'Ahh... your running NeWS 1.1! Boy... that makes stuff easy....'
echo " "
d_news="$define"
d_news0="$undef"
if $test -r $d_newshome/lib/NeWS/textcan.ps; then
d_textcan=$d_newshome/lib/NeWS
echo "The textcan.ps stuff seems to be in : $d_textcan"
else
d_textcan=$d_newshome/clientsrc/client/nterm
if $test ! -r $d_textcan/textcan.ps; then
d_news="$undef"
d_news0="$define"
echo 'Hmm... must have been fooled... gotta be NeWS 1.1 beta!'
else
echo "The textcan.ps stuff seems to be in : $d_textcan"
fi
fi
else
echo 'snif... sniff... I smell the dilapidated smell of NeWS 1.0..'
echo 'Some things will not work under NeWS 1.0...'
d_news="$undef"
d_news0="$define"
fi
cd UU

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_NeWS.U

No license file was found, but licenses were detected in source scan.

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?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:ilp d\_ilp32 d\_ilp64 d\_lp64 d\_can64: Assert Myread Setvar \

cat rm +cc +ccflags echo n c intsize longsize ptrsize

?MAKE: -pick add \$@ %<

?S:ilp:

?S: This variable contains the largest amount of bits that the CPU supports,

?S: from the compiler's point of view. Typically 32 or 64.

?S:.

?S:d\_ilp32:

?S: This variable conditionally defines the CPU\_IS\_ILP32.

?S:.

?S:d\_ilp64:

?S: This variable conditionally defines the CPU\_IS\_ILP64.

?S:.

?S:d\_lp64:

?S: This variable conditionally defines the CPU\_IS\_LP64.

?S:.

?S:d\_can64:

?S: This variable conditionally defines CAN\_HANDLE\_64BITS.

?S:.

?C:CPU\_ILP\_MAXBITS:

?C: This symbol contains the largest amount of bits that the CPU natively

?C: supports from the compiler's point of view. Typically 32 or 64.

?C:.

?C:CPU\_IS\_ILP32:

?C: When defined, this indicates that the integer, long and pointer variables

?C: hold 32-bit values.

?C:.

?C:CPU\_IS\_ILP64:

?C: When defined, this indicates that the integer, long and pointer variables

?C: hold 64-bit values.

?C:.

?C:CPU\_IS\_LP64:

?C: When defined, this indicates that the long and pointer variables hold

?C: 64-bit values but integers are smaller (probably only 32-bit wide).

```

?C:.
?C:CAN_HANDLE_64BITS:
?C: When defined, this indicates that the compiler can handle 64-bit values
?C: despite the CPU having only 32-bit registers. These are available using
?C: the "long long" C type. It is only defined for ILP32 machines, since
?C: 64-bit support is naturally available on ILP64 and LP64 machines.
?C:.
?H:#define CPU_ILP_MAXBITS $ilp
?H:#$d_ilp32 CPU_IS_ILP32 /**/
?H:#$d_ilp64 CPU_IS_ILP64 /**/
?H:#$d_lp64 CPU_IS_LP64 /**/
?H:#$d_can64 CAN_HANDLE_64BITS /**/
?H:.
?LINT: set d_ilp32 d_ilp64 d_lp64 d_can64
: check for architecture type
echo " "
$echo $n "Computing CPU architecture type...$c" >&4
ilp=`expr $longsize \* 8`
case "$ptrsize" in
8)
val=$undef; set d_ilp32; eval $setvar
case "$sintsize" in
8)
echo " ILP64." >&4
val=$define; set d_ilp64; eval $setvar
val=$undef; set d_lp64; eval $setvar
;;
*)
echo " LP64." >&4
val=$define; set d_lp64; eval $setvar
val=$undef; set d_ilp64; eval $setvar
;;
esac
;;
*)
echo " ILP${ilp}." >&4
case "$ilp" in
32) val=$define;;
*) val=$undef;;
esac
set d_ilp32; eval $setvar
val=$undef; set d_ilp64; eval $setvar
val=$undef; set d_lp64; eval $setvar
;;
esac

@if CAN_HANDLE_64BITS || d_can64
: see whether compiler supports 64-bit emulation

```

```

val=$undef
case "$ilp" in
64) val=$define;;
*)
$cat >try.c <<EOCP
#include "static_assert.h"
long long foo;
int main()
{
    STATIC_ASSERT(8 == sizeof(foo));
    return 0;
}
EOCP
if $cc -c $ccflags try.c >/dev/null 2>&1; then
    echo " "
    echo "Your compiler also supports 64-bit emulation." >&4
    val=$define
fi
$rm -f try.*
;;
esac
set d_can64
eval $setvar

```

@end

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ilp.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:sitehtml1dir sitehtml1direxp installsitehtml1dir: Getfile \

Setprefixvar prefix siteprefix html1dir sed

?MAKE: -pick add \$@ %<

?Y:TOP

?D:sitehtml1dir="

?S:sitehtml1dir:

?S: This variable contains the name of the directory in which site-specific

?S: html source pages are to be put. It is the responsibility of the  
?S: Makefile.SH to get the value of this into the proper command.  
?S: You must be prepared to do the ~name expansion yourself.  
?S: The standard distribution will put nothing in this directory.  
?S: After perl has been installed, users may install their own local  
?S: html pages in this directory with  
?S: MakeMaker Makefile.PL  
?S: or equivalent. See INSTALL for details.  
?S:.  
?D:sitehtml1direxp="  
?S:sitehtml1direxp:  
?S: This variable is the same as the sitehtml1dir variable, but is filename  
?S: expanded at configuration time, for convenient use in makefiles.  
?S:.  
?D:installsitehtml1dir="  
?S:installsitehtml1dir:  
?S: This variable is really the same as sitehtml1direxp, unless you are using  
?S: AFS in which case it points to the read/write location whereas  
?S: html1direxp only points to the read-only access location. For extra  
?S: portability, you should only use this variable within your makefiles.  
?S:.  
?LINT:change prefixvar  
?LINT:set installsitehtml1dir  
?LINT:set sitehtml1dir  
?LINT:set sitehtml1direxp  
: determine where add-on html pages go  
: There is no standard location, so try to copy the previously-selected  
: directory structure for the core html pages.  
case "\$sitehtml1dir" in  
") dflt=`echo "\$html1dir" | \$sed "s#^\$prefix#\$siteprefix#" ` ;;  
\*) dflt=\$sitehtml1dir ;;  
esac  
case "\$dflt" in  
"|' ') dflt=none ;;  
esac  
fn=dn+~  
rp='Pathname where the site-specific html pages should be installed?'  
./getfile  
prefixvar=sitehtml1dir  
./setprefixvar

Found in path(s):  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitehtml1dir.U  
No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_bzero.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_bzero.U,v $
?RCS: Revision 3.0.1.2 1993/10/16 13:48:15 ram
?RCS: patch12: added magic support for bzero()
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:01:33 ram
?RCS: patch10: now only defines HAS_BZERO, no macro remap on memset (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:46 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_bzero: Inlibc
?MAKE: -pick add $@ %<
?S:d_bzero:
?S: This variable conditionally defines the HAS_BZERO symbol if
?S: the bzero() routine is available to set memory to 0.
?S:.
?C:HAS_BZERO:
?C: This symbol is defined if the bzero() routine is available to
?C: set a memory block to 0.
?C:.
?H:#$d_bzero HAS_BZERO /**/
?H:.
?M:bzero: HAS_BZERO
?M:#ifndef HAS_BZERO
?M:#ifndef bzero
?M:#define bzero(s,l) memset((s),0,(l))
?M:#endif
?M:#endif
?M:.
?LINT:set d_bzero
: see if bzero exists
set bzero d_bzero
eval $inlibc

Found in path(s):
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_bzero.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_getwd.U 1 2006-08-24 12:32:52Z rmanfredi $

```

```

?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getwd.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:18 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getwd: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_getwd:
?S: This variable conditionally defines HAS_GETWD if getwd() is
?S: available to get working directory. If not, you should
?S: probably use getcwd().
?S:.
?C:HAS_GETWD (GETWD):
?C: This symbol, if defined, indicates that the getwd routine is
?C: available to get working directory. If not, you should
?C: probably use getcwd().
?C:.
?H:#$d_getwd HAS_GETWD /**/
?H:.
?LINT:set d_getwd
: see if getwd exists
echo " "
if set getwd val -f d_getwd; eval $csym; $val; then
echo 'getwd() found.'>&4
val="$define"
else
echo 'getwd() not found. Assuming getcwd() exists.'>&4
val="$undef"
fi
set d_getwd
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getwd.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: kernel.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

```

?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: kernel.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:54 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:kernel: Getfile test
?MAKE: -pick add $@ %<
?S:kernel:
?S: This variable becomes the (fully rooted) path name of the kernel.
?S:.
: find the name of the kernel.
echo " "
case "$kernel" in
")
if $test -r /unix; then
dflt=/unix
elif $test -r /vmunix; then
dflt=/vmunix
elif $test -r /xenix; then
dflt=/xenix
elif $test -r /mach; then
dflt=/mach
elif $test -r /dgux; then
dflt=/dgux
elif $test -r /hp-ux; then
dflt=/hp-ux
elif $test -r /syst; then
dflt=/syst
elif $test -r /arix; then
dflt=/arix
elif $test -r /irix; then
dflt=/arix
else
dflt='unknown'
set X /*x
shift
case $# in
1)
if $test -r "$1"; then
dflt="$1"
fi
;;

```



```
    esac
fi
;;
*)
dflt="$kernel"
;;
esac
fn=f
rp='What is the name of your kernel?'
./getfile
kernel="$ans"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/kernel.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_poll.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_poll: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_poll:
?S: This variable conditionally defines the I_POLL symbol, and indicates
?S: whether a C program should include <poll.h>.
?S:.
?C:I_POLL:
?C: This symbol, if defined, indicates that <poll.h> exists and
?C: should be included. (see also HAS_POLL)
?C:.
?H:#$i_poll I_POLL /**/
?H:.
?LINT:set i_poll
: see if this is a poll.h system
set poll.h i_poll
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_poll.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endsent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
```

?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
?RCS:  
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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: d\_endsent.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:09 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_endsent: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_endsent:  
?S: This variable conditionally defines HAS\_ENDSERVENT if endservent() is  
?S: available to close whatever was being used for service queries.  
?S:.  
?C:HAS\_ENDSERVENT:  
?C: This symbol, if defined, indicates that the endservent() routine is  
?C: available to close whatever was being used for service queries.  
?C:.  
?H:#\$d\_endsent HAS\_ENDSERVENT /\*\*/  
?H:.  
?LINT:set d\_endsent  
: see if endservent exists  
set endservent d\_endsent  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_endsent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setegid.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_setegid.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:07 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:

?MAKE:d\_setegid: Inlibc  
 ?MAKE: -pick add \$@ %<  
 ?S:d\_setegid:  
 ?S: This variable conditionally defines the HAS\_SETEGID symbol, which  
 ?S: indicates to the C program that the setegid() routine is available  
 ?S: to change the effective gid of the current program.  
 ?S:.  
 ?C:HAS\_SETEGID (SETEGID):  
 ?C: This symbol, if defined, indicates that the setegid routine is available  
 ?C: to change the effective gid of the current program.  
 ?C:.  
 ?H:#\$d\_setegid HAS\_SETEGID /\*\*/  
 ?H:.  
 ?LINT:set d\_setegid  
 : see if setegid exists  
 set setegid d\_setegid  
 eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setegid.U

No license file was found, but licenses were detected in source scan.

?RCS:  
 ?RCS: Copyright (c) 2012 Raphael Manfredi  
 ?RCS:  
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 ?RCS: that same Artistic Licence; a copy of which may be found at the root  
 ?RCS: of the source tree for dist 4.0.  
 ?RCS:  
 ?MAKE:Assert: cat  
 ?MAKE: -pick add \$@ %<  
 ?F:./static\_assert.h  
 : static assertion checking include file  
 ?X:  
 ?X: C programs can include this file to perform STATIC\_ASSERT() checks  
 ?X: which are done at compile-time and cause the compilation to fail when  
 ?X: the expression is false.  
 ?X:  
 ?X: It is sufficient to compile with: \$cc -c \$ccflags try.c  
 ?X: There is no need to link the file to spot the assertion failure.  
 ?X:  
 \$cat >static\_assert.h <<'EOC'  
 #define STATIC\_ASSERT(expr) \  
 do { switch (0) { case ((expr) ? 1 : 0): case 0: break; } } while(0)  
 EOC

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Assert.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_pread.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_pread.U,v \$

?RCS:

?MAKE:d\_pread: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_pread:

?S: This variable conditionally defines the HAS\_PREAD symbol, which

?S: indicates to the C program that the pread() routine is available.

?S:.

?C:HAS\_PREAD :

?C: This symbol, if defined, indicates that the pread routine is

?C: available to perform reads on a file descriptor at a given offset.

?C:.

?H:#\$d\_pread HAS\_PREAD /\*\*/

?H:.

?LINT:set d\_pread

: see if pread exists

set pread d\_pread

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_pread.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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```

?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: fpostype.U,v $
?RCS: Revision 3.0.1.2 1994/08/29 16:20:52 ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 06:59:59 ram
?RCS: patch30: created
?RCS:
?MAKE:fpostype: Myread Typedef
?MAKE: -pick add $@ %<
?S:fpostype:
?S: This variable defines Fpos_t to be something like fpost_t, long,
?S: uint, or whatever type is used to declare file positions in libc.
?S:.
?C:Fpos_t:
?C: This symbol holds the type used to declare file positions in libc.
?C: It can be fpos_t, long, uint, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Fpos_t $fpostype /* File position type */
?H:.
: see what type file positions are declared as in the library
set fpos_t fpostype long stdio.h sys/types.h
eval $typedef
echo " "
dflt="$fpostype"
rp="What is the type for file position used by fsetpos()?"
./myread
fpostype="$ans"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/fpostype.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: mansrc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: mansrc.U,v $
?RCS: Revision 3.0.1.9 1997/02/28 16:12:03 ram

```

?RCS: patch61: don't ask for AFS when they choose to not install pages  
?RCS:  
?RCS: Revision 3.0.1.8 1995/09/25 09:16:58 ram  
?RCS: patch59: unit is now forced to the top of Configure, if possible  
?RCS:  
?RCS: Revision 3.0.1.7 1995/02/15 14:15:31 ram  
?RCS: patch51: was mistakenly duplicating /usr/local/man/man1 (ADO)  
?RCS: patch51: added /opt/man/man1 to the lookpath (ADO)  
?RCS:  
?RCS: Revision 3.0.1.6 1995/01/30 14:39:34 ram  
?RCS: patch49: can now handle installation prefix changes (from WED)  
?RCS:  
?RCS: Revision 3.0.1.5 1995/01/11 15:32:25 ram  
?RCS: patch45: can now use Loc variables since path stripping is deferred  
?RCS:  
?RCS: Revision 3.0.1.4 1994/08/29 16:30:38 ram  
?RCS: patch32: now uses installation prefix for default setting  
?RCS:  
?RCS: Revision 3.0.1.3 1994/05/06 15:11:10 ram  
?RCS: patch23: added lint hint, assuring that nroff is used  
?RCS:  
?RCS: Revision 3.0.1.2 1994/01/24 14:14:39 ram  
?RCS: patch16: now uses \_nroff in case user asked for portability  
?RCS:  
?RCS: Revision 3.0.1.1 1993/09/13 16:09:31 ram  
?RCS: patch10: allows for L1 man page extension (WAD)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:14 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:mansrc mansrcexp manext installmansrc: afs cat nroff Loc Oldconfig \  
sysman spackage test Getfile Prefixit prefixexp Prefixup  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:mansrc:  
?S: This variable contains the name of the directory in which manual  
?S: source pages are to be put. It is the responsibility of the  
?S: Makefile.SH to get the value of this into the proper command.  
?S: You must be prepared to do the ~name expansion yourself.  
?S:.  
?S:mansrcexp:  
?S: This variable is the same as the mansrc variable, but is filename  
?S: expanded at configuration time, for convenient use in makefiles.  
?S:.  
?S:installmansrc:  
?S: This variable is really the same as mansrcexp, unless you are using  
?S: AFS in which case it points to the read/write location whereas  
?S: mansrcexp only points to the read-only access location. For extra

?S: portability, you should only use this variable within your makefiles.

?S:.

?S:manext:

?S: This variable contains the extension that the manual page should

?S: have: one of 'n', 'l', or 'L'. The Makefile must supply the 'l'.

?S: See mansrc.

?S:.

?T:lookpath

: determine where manual pages go

set mansrc mansrc none

eval \$prefixit

\$cat <<EOM

\$spackage has manual pages available in source form.

EOM

case "\$nroff" in

nroff)

echo "However, you don't have nroff, so they're probably useless to you."

case "\$mansrc" in

") mansrc="none";;

esac;;

esac

echo "If you don't want the manual sources installed, answer 'none'."

case "\$mansrc" in

")

lookpath="\$prefixexp/share/man/man1 \$prefixexp/man/man1"

lookpath="\$lookpath \$prefixexp/man/u\_man/man1 \$prefixexp/man/l\_man/man1"

lookpath="\$lookpath /usr/local/man/man1 /opt/man/man1 /usr/man/man1"

lookpath="\$lookpath /usr/share/man/man1 /usr/local/share/man/man1"

lookpath="\$lookpath /usr/man/local/man1 /usr/man/l\_man/man1"

lookpath="\$lookpath /usr/local/man/u\_man/man1 /usr/local/man/l\_man/man1"

lookpath="\$lookpath /usr/man/man.L"

mansrc=`./loc . \$prefixexp/man/man1 \$lookpath`

if \$test -d "\$mansrc"; then

  dflt="\$mansrc"

else

  dflt="\$sysman"

fi

set dflt

eval \$prefixup

;;

' ') dflt=none;;

\*) dflt="\$mansrc"

;;

esac

echo " "

fn=dn~

rp='Where do the manual pages (source) go?'

```

./getfile
if test "$mansrcexp" != "$sansexp"; then
  installmansrc="
fi
mansrc="$ans"
mansrcexp="$sansexp"
case "$mansrc" in
*) mansrc=' '
  installmansrc="";;
esac
if $afs && $test "$mansrc"; then
  $cat <<EOM

```

Since you are running AFS, I need to distinguish the directory in which manual pages reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```

EOM
case "$installmansrc" in
*) dflt=`echo $mansrcexp | sed 's#^/afs/#/afs/#^';`
  *) dflt="$installmansrc";;
esac
fn=de~
rp='Where will man pages be installed?'
./getfile
installmansrc="$ans"
else
  installmansrc="$mansrcexp"
fi

```

```

case "$mansrc" in
' ') manext='0';;
*l) manext=l;;
*n) manext=n;;
*o) manext=l;;
*p) manext=n;;
*C) manext=C;;
*L) manext=L;;
*L1) manext=L1;;
*) manext=1;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mansrc.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_memcmp.U 1 2006-08-24 12:32:52Z rmanfredi $

```



?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_memcmp.U,v \$  
?RCS: Revision 3.0.1.1 1993/09/13 16:02:35 ram  
?RCS: patch10: removed text recommending bcmp over memcmp (WAD)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:06:33 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_memcmp: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_memcmp:  
?S: This variable conditionally defines the HAS\_MEMCMP symbol, which  
?S: indicates to the C program that the memcmp() routine is available  
?S: to compare blocks of memory.  
?S:.  
?C:HAS\_MEMCMP (MEMCMP):  
?C: This symbol, if defined, indicates that the memcmp routine is available  
?C: to compare blocks of memory.  
?C:.  
?H:#\$d\_memcmp HAS\_MEMCMP /\*\*/  
?H:.  
?LINT:set d\_memcmp  
: see if memcmp exists  
set memcmp d\_memcmp  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_memcmp.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2017, Karl Williamson  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?MAKE:d\_mbrtowc: Inlibc

?MAKE: -pick add \$@ %<  
?S:d\_mbrtowc:  
?S: This variable conditionally defines the HAS\_MBRTOWC symbol if the  
?S: mbrtowc() routine is available to be used to convert a multi-byte  
?S: character into a wide character.  
?S:.  
?C:HAS\_MBRTOWC:  
?C: This symbol, if defined, indicates that the mbrtowc routine is  
?C: available to convert a multi-byte character into a wide character.  
?C:.  
?H:#\$d\_mbrtowc HAS\_MBRTOWC /\*\*/  
?H:.  
?LINT: set d\_mbrtowc  
: see if mbrtowc exists  
set mbrtowc d\_mbrtowc  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_mbrtowc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_system.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_system.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:44 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_system: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_system:  
?S: This variable conditionally defines HAS\_SYSTEM if system() is  
?S: available to issue a shell command.  
?S:.  
?C:HAS\_SYSTEM (SYSTEM):  
?C: This symbol, if defined, indicates that the system routine is  
?C: available to issue a shell command.  
?C:.  
?H:#\$d\_system HAS\_SYSTEM /\*\*/  
?H:.

```
?LINT:set d_system
: see if system exists
set system d_system
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_system.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_strftime: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_strftime:
```

```
?S: This variable conditionally defines the HAS_STRFTIME symbol, which
```

```
?S: indicates to the C program that the strftime() routine is available.
```

```
?S:.
```

```
?C:HAS_STRFTIME:
```

```
?C: This symbol, if defined, indicates that the strftime routine is
```

```
?C: available to do time formatting.
```

```
?C:.
```

```
?H:#$d_strftime HAS_STRFTIME /**/
```

```
?H:.
```

```
?LINT:set d_strftime
```

```
: see if strftime exists
```

```
set strftime d_strftime
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strftime.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Cppsym.U,v 3.0.1.5 1995/05/12 11:59:11 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

?RCS:  
?RCS: \$Log: Cppsym.U,v \$  
?RCS: Revision 3.0.1.5 1995/05/12 11:59:11 ram  
?RCS: patch54: split awk command onto two lines for older awk's (ADO)  
?RCS:  
?RCS: Revision 3.0.1.4 1995/01/11 14:55:57 ram  
?RCS: patch45: new cc vs. cpp symbol checking suggested by JHI  
?RCS: patch45: added more cpp symbols (JHI)  
?RCS:  
?RCS: Revision 3.0.1.3 1994/10/29 15:51:32 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS: patch36: new symbols ardent and titan (ADO)  
?RCS:  
?RCS: Revision 3.0.1.2 1994/06/20 06:53:32 ram  
?RCS: patch30: extended cpp symbol lookup list (JHI)  
?RCS: patch30: renamed attrlist symbol into al for brevity  
?RCS:  
?RCS: Revision 3.0.1.1 1993/12/15 08:14:14 ram  
?RCS: patch15: added new cpp symbols \_\_bsdi\_\_ and BSD\_NET2  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:04:50 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X: This unit produces a shell script called Cppsym, which can be used to  
?X: determine whether any in a list of symbols is defined by the C compilation  
?X: chain (C preprocessor symbols plus C compiler native ones).  
?X: It can determine the status of any symbol, though the symbols in \$al  
?X: are more easily determined. If you want to add to \$al you can do  
?X: it in Myinit.U.  
?MAKE:Cppsym ccsymbols cppsymbols cppccsymbols: run \  
eunicefix Guess awk cat tr sed sort rm rm\_try startsh osname \  
+cc +gccversion test comm uniq echo Options trnl \  
optimize cflags ldflags libs cpp\_stuff cpp  
?MAKE: -pick add \$@ %<  
?T:also symbols i postprocess\_cc\_v tHdrH  
?X:  
?X: The symbol list is in alpha order for ease of maintenance...  
?X:  
?X: Lots of new symbols (mostly rummaged from gcc), courtesy of  
?X: Jarkko Hietaniemi <jhi@snakemail.hut.fi> -- RAM, 06/06/94  
?X:  
?S:ccsymbols:  
?S: The variable contains the symbols defined by the C compiler alone.  
?S: The symbols defined by cpp or by cc when it calls cpp are not in  
?S: this list, see cppsymbols and cppccsymbols.  
?S: The list is a space-separated list of symbol=value tokens.  
?S:.  
?S:cppsymbols:

?S: The variable contains the symbols defined by the C preprocessor  
 ?S: alone. The symbols defined by cc or by cc when it calls cpp are  
 ?S: not in this list, see ccsymbols and cppcsymbols.  
 ?S: The list is a space-separated list of symbol=value tokens.  
 ?S:.  
 ?S:cppcsymbols:  
 ?S: The variable contains the symbols defined by the C compiler  
 ?S: when it calls cpp. The symbols defined by the cc alone or cpp  
 ?S: alone are not in this list, see ccsymbols and cppsymbols.  
 ?S: The list is a space-separated list of symbol=value tokens.  
 ?S:.  
 ?F:./Cppsym  
 ?F:./Cppsym.know  
 ?F:!Cppsym.true  
 ?F:!ccsym.com  
 ?F:!ccsym.cpp  
 ?F:!ccsym.own  
 ?X: fake LINT hints  
 ?LINT:change ccflags  
 ?LINT:extern s  
 ?LINT:extern s\_\_  
 : Preprocessor symbols  
 echo " "  
 \$echo "Guessing which symbols your C compiler and preprocessor define..." >&4  
 ?X: If your symbol is mixed case, just add it as-is.  
 ?X: All symbols will be transformed to both all-lower and all-upper.  
 ?X: Also drop any leading/trailing underscores, the scan will try all those.  
 \$cat <<'EOSH' > Cppsym.know  
 a29k aarch64 ABI64 aegis AES\_SOURCE AIX AIX32 AIX370 AIX41 AIX42  
 AIX43 aixpc AIX\_SOURCE alliant ALL\_SOURCE alpha AM29000 am29000  
 AMD64 amd64 amiga AMIGAOS AMIX ansi ANSI\_C\_SOURCE apollo arch\_ppc  
 arch\_pwr ardent ARM ARM32 atarist att386 att3b  
 BeOS BIG\_ENDIAN BIT\_MSF BSD bsd bsd43 bsd4\_2 BSD4\_3 bsd4\_3 bsd4\_4  
 BSDCOMPAT bsdi BSD\_4\_3 BSD\_4\_4 BSD\_NET2 BSD\_TIME BSD\_TYPES bull  
 byteorder byte\_order  
 c cadmus clang clipper CMU COFF COMPILER\_VERSION concurrent  
 convex cpu CRAY cray CRAYMPP ctix CX\_UX CYGWIN  
 DECC DGUX DGUX\_SOURCE DJGPP dmert DOLPHIN DPX2 DSO Dynix DynixPTX  
 ELF encore EPI EXTENSIONS  
 FAVOR\_BSD FILE\_OFFSET\_BITS FORTIFY\_SOURCE FreeBSD  
 GCC\_NEW\_VARARGS gcos gcx gimpel GLIBC GLIBC\_MINOR GNUC GNUC\_MINOR  
 GNU\_LIBRARY GNU\_SOURCE GO32 gould GOULD\_PN  
 H3050R H3050RX hbullx20 hcx host\_mips hp200 hp300 HP700 hp700  
 hp800 hp9000 hp9000s200 hp9000s300 hp9000s400  
 hp9000s700 hp9000s800 hp9k8 hppa hpux HPUX\_SOURCE hp\_osf  
 i186 i286 i386 i486 i586 i686 i8086 i80960 i860 I960 IA32 IA64  
 iAPX286 ibm ibm032 ibmesa IBMR2 ibmrt ILP32 ILP64  
 INLINE\_INTRINSICS INT64 INTEL interdata INTRINSICS is68k titanium

```

ksr1
LANGUAGE_C LARGEFILE64_SOURCE LARGEFILE_SOURCE LARGE_FILE_API
LFS64_LARGEFILE LFS_LARGEFILE LIBCATAMOUNT Linux LITTLE_ENDIAN
LONG64 LONGDOUBLE LONGLONG LONG_DOUBLE LONG_LONG LP64 luna
luna88k Lynx
M68000 m68k m88100 m88k M88KBCS_TARGET MACH machine MachTen
MATH_HAS_NO_SIDE_EFFECTS mc300 mc500 mc68000 mc68010 mc68020
mc68030 mc68040 mc68060 mc68k mc68k32 mc700 mc88000 mc88100
merlin mert MiNT mips MIPSEB MIPSEL MIPS_FPSET MIPS_ISA MIPS_SIM
MIPS_SZINT MIPS_SZLONG MIPS_SZPTR MODERN_C motorola mpeix MSDOS
MTXINU MULTIMAX MVS mvs M_AMD64 M_ARM M_ARMT M_COFF M_I186 M_I286
M_I386 M_I8086 M_I86 M_I86SM M_IA64 M_IX86 M_PPC M_SYS3 M_SYS5
M_SYSIII M_SYSV M_UNIX M_X86 M_XENIX
n16 ncl_el ncl_mr NetBSD news1500 news1700 news1800 news1900
news3700 news700 news800 news900 NeXT NLS nonstopux ns16000
ns32000 ns32016 ns32332 ns32k nsc32000
OCS88 OEMVS OpenBSD os OS2 OS390 osf OSF1 OSF_SOURCE
PARAGON parisc pa_risc PA_RISC1_1 PA_RISC2_0 pc532 pdp11 PGC PIC
plexus PORTAR posix POSIX1B_SOURCE POSIX2_SOURCE POSIX4_SOURCE
POSIX_C_SOURCE POSIX_SOURCE POWER powerpc ppc PROTOTYPES PWB pyr
QK_USER QNX
R3000 REENTRANT RES Rhapsody RISC6000 riscix riscos RT
S390 S390x SA110 SCO scs sequent sgi SGI_SOURCE SH SH3 sinix
SIZE_INT SIZE_LONG SIZE_PTR SOCKETS_SOURCE SOCKET_SOURCE sony
sonyrisc sony_news sparc sparclite sparcv8 sparcv9 spectrum
stardent stdc STDC_EXT stratos sun sun3 sun386 Sun386i svr3 svr4
SVR4_2 SVR4_SOURCE svr5 SX system SYSTYPE_BSD SYSTYPE_BSD43
SYSTYPE_BSD44 SYSTYPE_SVR4 SYSTYPE_SVR5 SYSTYPE_SYSV SYSV SYSV3
SYSV4 SYSV5 sysV68 sysV88
Tek4132 Tek4300 thumb thw_370 thw_intel thw_rs6000 titan TM3200
TM5400 TM5600 tower tower32 tower32_200 tower32_600 tower32_700
tower32_800 tower32_850 tss
u370 u3b u3b2 u3b20 u3b200 u3b20d u3b5 ultrix UMAXV UnicomPBB
UnicomPBD UNICOS UNICOSMK unix UNIX95 UNIX99 unixpc unos USE_BSD
USE_FILE_OFFSET64 USE_GNU USE_ISOC9X USE_LARGEFILE
USE_LARGEFILE64 USE_MISC USE_POSIX USE_POSIX199309
USE_POSIX199506 USE_POSIX2 USE_REENTRANT USE_SVID USE_UNIX98
USE_XOPEN USE_XOPEN_EXTENDED USGr4 USGr4_2 UTek Utek UTS UWIN
uxpm uxps
vax venix VMESA vms
x86_64 xenix Xenix286 XOPEN_SOURCE XOPEN_SOURCE_EXTENDED XPG2
XPG2_EXTENDED XPG3 XPG3_EXTENDED XPG4 XPG4_EXTENDED
z8000 zarch
EOSH
# Maybe put other stuff here too.
?X:Some OS's will have a dash in their $osname
?X:e.g. Android is known as linux-android
?X:The preprocessor will interpret the dash as a minus

```

```

./tr '-' '_' <<EOSH >>Cppsym.know
$osname
EOSH
./tr '[a-z]' '[A-Z]' < Cppsym.know > Cppsym.a
./tr '[A-Z]' '[a-z]' < Cppsym.know > Cppsym.b
$cat Cppsym.know > Cppsym.c
$cat Cppsym.a Cppsym.b Cppsym.c | $tr ' ' $trnl | $sort | $uniq > Cppsym.know
$rm -f Cppsym.a Cppsym.b Cppsym.c
cat <<EOSH > Cppsym
$startsh
if $test $# -gt 0; then
    echo $* | $tr " " "$trnl" | ./Cppsym.try > Cppsym.got
    if $test -s Cppsym.got; then
        $rm -f Cppsym.got
    exit 0
    fi
    $rm -f Cppsym.got
    exit 1
else
    $tr " " "$trnl" | ./Cppsym.try
    exit 0
fi
EOSH
chmod +x Cppsym
$unicefix Cppsym
?X: The below awk script will die a horrible death if
?X: some of the tested symbols are not long ints.
?X: Also, we do not make difference between just defined and defined zero.
cat <<EOSH > Cppsym.try
$startsh
cat <<'EOCP' > try.c
#include <stdio.h>
#if cpp_stuff == 1
#define STRINGIFY(a) "a"
#endif
#if cpp_stuff == 42
#define StGiFy(a) #a
#define STRINGIFY(a) StGiFy(a)
#endif
#if $cpp_stuff != 1 && $cpp_stuff != 42
# include "Bletch: How does this C preprocessor stringify macros?"
#endif
int main() {
EOCP
?X: The length($1) command guards against possible empty entries.
?X: The awk snippet is know to give heartburn to UNICOS/mk awk.
$awk \
EOSH

```

```

cat <<'EOSH' >> Cppsym.try
length($1) > 0 {
    printf "#ifdef %s\nprintf(\"%s=%s\n\", STRINGIFY(%s));\n#endif\n", $1, $1, $1
    printf "#ifdef _%s\nprintf(\"_%s=%s\n\", STRINGIFY(_%s));\n#endif\n", $1, $1, $1
    printf "#ifdef __%s\nprintf(\"__%s=%s\n\", STRINGIFY(__%s));\n#endif\n", $1, $1, $1
    printf "#ifdef __%s__\nprintf(\"__%s__=%s\n\", STRINGIFY(__%s__));\n#endif\n", $1, $1, $1
}' >> try.c
echo 'return 0;}' >> try.c
EOSH
cat <<EOSH >> Cppsym.try
ccflags="$ccflags"
case "$osname-$gccversion" in
irix-) ccflags="\$ccflags -woff 1178" ;;
os2-*) ccflags="\$ccflags -Zlinker /PM:VIO" ;;
esac
$cc -o try -Dcpp_stuff=$cpp_stuff $optimize \$ccflags $ldflags try.c $libs 2>/dev/null && $run ./try | $sed 's/ \/\ \ /g'
EOSH
chmod +x Cppsym.try
$unicefix Cppsym.try
./Cppsym < Cppsym.know | $sort | $uniq > Cppsym.true
: Add in any Linux cpp "predefined macros":
case "$osname::$gccversion" in
*linux*:*:*|*gnukfreebsd*:*:*|gnu:*:*|*)
    tHdrH=_tmpHdr
    rm -f $tHdrH.h' $tHdrH
    touch $tHdrH.h'
    # Filter out macro arguments, such as Linux's __INT8_C(c)
    if $cpp -dM $tHdrH.h' > $tHdrH_cppsym.h' && [ -s $tHdrH_cppsym.h' ]; then
        sed -e 's/#define[\ \ ]*//;s/[ \ \ ].*$//' -e 's/(.*)' <$tHdrH_cppsym.h' >$tHdrH_cppsym.real'
        if [ -s $tHdrH_cppsym.real' ]; then
            cat $tHdrH_cppsym.real' Cppsym.know | sort | uniq | ./Cppsym | sort | uniq > Cppsym.true
        fi
    fi
    rm -f $tHdrH.h' $tHdrH_cppsym.h' $tHdrH_cppsym.real'
;;
esac
: now check the C compiler for additional symbols
?X: suggested by Jarkko Hietaniemi <jhi@snakemail.hut.fi>, thanks!
postprocess_cc_v="
case "$osname" in
aix) postprocess_cc_v="|$tr , ' "' ;;
esac
$cat >ccsym <<EOS
$startsh
$cat >tmp.c <<EOF
extern int foo;
EOF
for i in ` $cc -v -c tmp.c 2>&1 $postprocess_cc_v `

```



```

do
case "\$i" in
-D*) echo "\$i" | $sed 's/^-D//';;
-A*) $test "$gccversion" && echo "\$i" | $sed 's/^-A//' | $sed 's/(.*)/(.*)\1=2/';;
esac
done
$rm_try
EOS
postprocess_cc_v="
chmod +x ccsym
$unicefix ccsym
./ccsym > ccsym1.raw
?X: AIX complains if $uniq is passed an empty file. ($sort apparently
?X: doesn't care.) --AD 14 July 1998
if $test -s ccsym1.raw; then
    $sort ccsym1.raw | $uniq >ccsym.raw
else
    mv ccsym1.raw ccsym.raw
fi

?X: canonicalize symbols for easier sort/uniq/comm usage: append =1 if no = sign
?X: the awk script must be on two lines for older awk programs, sigh! -- ADO
$awk '/^=/ { print $0; next }
{ print $0 "=1" }' ccsym.raw >ccsym.list
$comm -13 Cppsym.true ccsym.list >ccsym.own
$comm -12 Cppsym.true ccsym.list >ccsym.com
$comm -23 Cppsym.true ccsym.list >ccsym.cpp
also="
if $test -z ccsym.raw; then
echo "Your C compiler doesn't seem to define any symbols!" >&4
echo " "
echo "However, your C preprocessor defines the following symbols:"
$cat Cppsym.true
ccsymbols="
cppsymbols=`$cat Cppsym.true`
cppsymbols=`echo $cppsymbols`
cppccsymbols="$cppsymbols"
else
if $test -s ccsym.com; then
echo "Your C compiler and pre-processor define these symbols:"
$sed -e 's/(.*)=(.*)\1/' ccsym.com
also='also '
symbols='ones'
cppccsymbols=`$cat ccsym.com`
cppccsymbols=`echo $cppccsymbols`
$test "$$silent" || sleep 1
fi
if $test -s ccsym.cpp; then

```

```

$test "$also" && echo " "
echo "Your C pre-processor ${also}defines the following symbols:"
$sed -e 's/(.*\)=.*\1/' ccsym.cpp
also='further '
cppsymbols=`$cat ccsym.cpp`
cppsymbols=`echo $cppsymbols`
$test "$silent" || sleep 1
fi
if $test -s ccsym.own; then
$test "$also" && echo " "
echo "Your C compiler ${also}defines the following cpp symbols:"
$sed -e 's/(.*\)=1\1/' ccsym.own
$sed -e 's/(.*\)=.*\1/' ccsym.own | $uniq >>Cppsym.true
ccsymbols=`$cat ccsym.own`
ccsymbols=`echo $ccsymbols`
$test "$silent" || sleep 1
fi
fi

: add -D_FORTIFY_SOURCE if feasible and not already there
case "$gccversion" in
[456789].*) case "$optimize$ccflags" in
*-O*) case "$ccflags$cppsymbols" in
*_FORTIFY_SOURCE=*) # Don't add it again.
echo "You seem to have -D_FORTIFY_SOURCE already, not adding it." >&4
;;
*) echo "Adding -D_FORTIFY_SOURCE=2 to ccflags..." >&4
ccflags="$ccflags -D_FORTIFY_SOURCE=2"
;;
esac
;;
*) echo "You have gcc 4.* or later but not optimizing, not adding -D_FORTIFY_SOURCE." >&4
;;
esac
;;
*) echo "You seem not to have gcc 4.* or later, not adding -D_FORTIFY_SOURCE." >&4
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Cppsym.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: dlsrc.U,v\$

?RCS:

?RCS: Copyright (c) 1996-1998, Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?RCS: \$Log: dlsrc.U,v \$  
?RCS:  
?X: hpux support thanks to Jeff Okamoto <okamoto@hpcc101.corp.hp.com>  
?X:  
?X: To create a shared library, you must compile ALL source files in the  
?X: library with +z (or possibly +Z if the library is whopping huge),  
?X: then link the library with -b. Example:  
?X: cc -c +z module\_a.c  
?X: cc -c +z module\_b.c  
?X: ld -b module\_a.o module\_b.o -o module.sl  
?X:  
?MAKE:usedl ld dlsrc cccdlflags lddlflags ccdlflags bin\_ELF ld\_can\_script: \  
rm\_try Getfile Myread test osname sed d\_dlopen Findhdr Setvar \  
src run cc cclflags ldflags optimize ls gccversion cat rsrc i\_stdlib \  
i\_unistd osvers sysroot  
?MAKE: -pick add \$@ %<  
?Y:BOTTOM  
?S:usedl:  
?S: This variable indicates if the system supports dynamic  
?S: loading of some sort. See also dlsrc and dlobj.  
?S:.  
?S:ld:  
?S: This variable indicates the program to be used to link  
?S: libraries for dynamic loading. On some systems, it is 'ld'.  
?S: On ELF systems, it should be \$cc. Mostly, we'll try to respect  
?S: the hint file setting.  
?S:.  
?S:dlsrc:  
?S: This variable contains the name of the dynamic loading file that  
?S: will be used with the package.  
?S:.  
?S:cccdlflags:  
?S: This variable contains any special flags that might need to be  
?S: passed with 'cc -c' to compile modules to be used to create a shared  
?S: library that will be used for dynamic loading. For hpux, this  
?S: should be +z. It is up to the makefile to use it.  
?S:.  
?S:lddlflags:  
?S: This variable contains any special flags that might need to be  
?S: passed to \$ld to create a shared library suitable for dynamic  
?S: loading. It is up to the makefile to use it. For hpux, it  
?S: should be '-b'. For sunos 4.1, it is empty.  
?S:.  
?S:ccdflags:  
?S: This variable contains any special flags that might need to be

?S: passed to cc to link with a shared library for dynamic loading.

?S: It is up to the makefile to use it. For sunos 4.1, it should

?S: be empty.

?S:.

?S:bin\_ELF:

?S: This variable saves the result from configure if generated binaries

?S: are in ELF format. Only set to defined when the test has actually

?S: been performed, and the result was positive.

?S:.

?S:ld\_can\_script:

?S: This variable shows if the loader accepts scripts in the form of

?S: -Wl,--version-script=ld.script. This is currently only supported

?S: for GNU ld on ELF in dynamic loading builds.

?S:.

?C:USE\_DYNAMIC\_LOADING ~ %<:

?C: This symbol, if defined, indicates that dynamic loading of

?C: some sort is available.

?C:.

?H:%<:#\$usedl USE\_DYNAMIC\_LOADING /\*\*/

?H:.

?W:%<:dlopen

?T:dldir thisflag tdir

?F:!a.out

: determine which dynamic loading, if any, to compile in

echo " "

dldir="ext/DynaLoader"

case "\$usedl" in

  \$define|y|true)

  dflt='y'

  usedl="\$define"

  ;;

  \$undef|n|false)

  dflt='n'

  usedl="\$undef"

  ;;

  \*)

  dflt='n'

  case "\$d\_dlopen" in

    \$define) dflt='y' ;;

  esac

  : Does a dl\_XXX.XS file exist for this operating system

  \$test -f \$src/\$dldir/dl\_\${osname}.XS && dflt='y'

  ;;

  esac

rp="Do you wish to use dynamic loading?"

  ./myread

  usedl="\$ans"

  bin\_ELF="\$undef"

```

case "$ans" in
  y*) usedl="$define"
case "$dlsrc" in
  ") if $test -f $rsrc/$dldir/dl_${osname}.xs ; then
    dflt="$dldir/dl_${osname}.xs"
  elif $test "$d_dlopen" = "$define" ; then
    dflt="$dldir/dl_dlopen.xs"
  else
    dflt="
  fi
  ;;
  *) dflt="$dldir/$dlsrc"
  ;;
esac
echo "The following dynamic loading files are available:"
: Can not go over to $dldir because getfile has path hard-coded in.
tdir=`pwd`; cd "$rsrc"; $ls -C $dldir/dl*.xs; cd "$tdir"
rp="Source file to use for dynamic loading"
fn="fne"
gfpth="$src"
./getfile
usedl="$define"
: emulate basename
dlsrc=`echo $ans | $sed -e 's%.*^\([^\]*\)%\1%`

```

\$cat << EOM

Some systems may require passing special flags to \$cc -c to compile modules that will be used to create a shared library. To use no flags, say "none".

EOM

```

case "$cccdlflags" in
  ") case "$gccversion" in
  ") case "$osname" in
    hpux) dflt='+z' ;;
    irix*) dflt='-KPIC' ;;
    svr4*|esix*|solaris|nonstopux) dflt='-KPIC' ;;
    sunos) dflt='-pic' ;;
    *) dflt='none' ;;
  esac
  ;;
  *) case "$osname" in
    darwin) dflt='none' ;;
    *linux*|svr4*|esix*|solaris|nonstopux) dflt='-fPIC' ;;
    *) dflt='-fpic' ;;
  esac ;;
esac ;;

```

```

    ') dflt='none' ;;
    *) dflt="$cccdlflags" ;;
esac

case "$dflt" in
    none) dflt=" ;;
esac

# If -Dsysroot was specified, now's the time to add it
# to cccdflags
if test "X$sysroot" != X; then
    case "$gccversion" in
        ") ;;
        *) case "$dflt" in
            *sysroot*) ;;
            'undef'*)
                dflt="$dflt --sysroot=$sysroot" ;;
            esac
            ;;
        esac
    fi

case "$dflt" in
    ") dflt='none';;
esac

rp="Any special flags to pass to $cc -c to compile shared library modules?"
. ./myread
case "$ans" in
?X: Use ' ' so that a subsequent Configure run preserves the old state.
    none) cccdflags=' ' ;;
    *) cccdflags="$ans" ;;
esac

cat << EOM

```

Some systems use ld to create libraries that can be dynamically loaded, while other systems (such as those using ELF) use \$cc.

EOM

```

: Determine if this is ELF
$cat >try.c <<EOM
/* Test for whether ELF binaries are produced */
#include <fcntl.h>
#ifdef I_STDLIB
#include <stdlib.h>

```

```

#endif
#$i_unistd I_UNISTD
#ifdef I_UNISTD
#include <unistd.h>
#endif
int main() {
    char b[4];
    int i = open("a.out",O_RDONLY);
    if(i == -1)
        exit(1); /* fail */
    if(read(i,b,4)==4 && b[0]==127 && b[1]=='E' && b[2]=='L' && b[3]=='F')
        exit(0); /* succeed (yes, it is ELF) */
    exit(1); /* fail */
}
EOM
if $cc $ccflags $ldflags -o a.out try.c >/dev/null 2>&1 && $run ./a.out; then
    bin_ELF="$define"
fi
$rm_try

case "$ld" in
    *) if $test $bin_ELF = "$define"; then
        cat <<EOM
You appear to have ELF support. I'll use $cc to build dynamic libraries.
EOM
        dflt="$cc"
    else
        echo "I'll use ld to build dynamic libraries."
        dflt='ld'
    fi
;;
*) dflt="$ld"
;;
esac

```

```
rp="What command should be used to create dynamic libraries?"
```

```
./myread
```

```
ld="$ans"
```

```
cat << EOM
```

Some systems may require passing special flags to `$ld` to create a library that can be dynamically loaded. If your `ld` flags include `-L/other/path` options to locate libraries outside your loader's normal search path, you may need to specify those `-L` options here as well. To use no flags, say "none".

```
EOM
```

```

case "$lddflags" in
  *) case "$osname" in
    haiku) dflt='-shared' ;;
    hpux) dflt='-b';
  case "$gccversion" in
    *) dflt="$dflt +vnocompatwarnings" ;;
  esac
;;
*linux*|irix*|gnu*) dflt="-shared $optimize" ;;
solaris) # See [perl #66604].
# On Solaris 11, gcc -m64 on amd64
# appears not to understand -G. gcc versions at
# least as old as 3.4.3 support -shared, so just
# use that with Solaris 11 and later, but keep
# the old behavior for older Solaris versions.
case "$gccversion" in
  *) dflt='-G' ;;
  *) case "$osvers" in
    2.?|2.10) dflt='-G' ;;
    *) dflt='-shared' ;;
  esac
;;
esac
;;
sunos) dflt='-assert nodefinitions' ;;
svr4*|esix*|nonstopux) dflt="-G $ldflags" ;;
*) dflt='none' ;;
esac
;;
*) dflt="$lddflags" ;;
esac

```

: Only do this for gcc, since, for example, qcc has no concept  
: of --sysroot.

```

if $test "X$sysroot" != X; then
  case "$gccversion" in
    *) ;;
    *) dflt="$dflt --sysroot $sysroot" ;;
  esac
fi

```

: Try to guess additional flags to pick up local libraries.

: Be careful not to append to a plain 'none'

```

case "$dflt" in
  none) dflt="";
esac
for thisflag in $ldflags; do
  case "$thisflag" in

```



```

-L*|-R*|-Wl,-R*)
    case "$dflt" in
        *" $thisflag "*) ;;
        *) dflt="$dflt $thisflag" ;;
    esac
;;
esac
done

case "$dflt" in
    '| ' ) dflt='none' ;;
esac

case "$ldflags" in
    *-fstack-protector-strong*)
        case "$dflt" in
            *-fstack-protector-strong*) ;; # Don't add it again
            *) dflt="$dflt -fstack-protector-strong" ;;
        esac
;;
    *-fstack-protector*)
        case "$dflt" in
            *-fstack-protector*) ;; # Don't add it again
            *) dflt="$dflt -fstack-protector" ;;
        esac
;;
esac

rp="Any special flags to pass to $ld to create a dynamically loaded library?"
. ./myread
case "$ans" in
?X: Use ' ' so that a subsequent Configure run preserves the old state.
    none) lddflags=' ' ;;
    *) lddflags="$ans" ;;
esac

cat <<EOM

```

Some systems may require passing special flags to \$cc to indicate that the resulting executable will use dynamic linking. To use no flags, say "none".

```

EOM
case "$ccldflags" in
    ") case "$osname" in
        *linux*|hpux|gnu*) dflt='-Wl,-E' ;;
        sunos)          dflt='none' ;;
        *)              dflt='none' ;;

```

```

esac ;;
    ') dflt='none' ;;
    *) dflt="$ccdlflags" ;;
esac
rp="Any special flags to pass to $cc to use dynamic linking?"
./myread
case "$ans" in
?X: Use ' ' so that a subsequent Configure run preserves the old state.
    none) ccdlflags=' ' ;;
    *) ccdlflags="$ans" ;;
esac
;;
?X: End of usedl=y section

```

```

    *) usedl="$undef"
ld='ld'
dlsrc='dl_none.xs'
lddflags=""
ccdlflags=""
;;
esac

```

```

ld_can_script="$undef"
case "$bin_ELF$usedl" in
    $define$define)
# Abuse try.h and a.out names for neat cleanup
$cat >try.c <<EOM
void foo() {}
void bar() {}
EOM
$cat >try.h <<EOM
LIBTEST_42 {
global:
foo;
local: *;
};
EOM
if $cc $cccdlflags $ccdlflags $ccflags \
    $ldflags $lddflags -o a.out try.c \
    -Wl,--version-script=try.h >/dev/null 2>&1 \
    && $stest -s a.out ; then
    echo "ld supports scripting" >&4
    ld_can_script="$define"
else
    echo "ld does not support scripting" >&4
fi
$rm_try
;;

```

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/dlsrc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_tminsys.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_tminsys.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:47 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_tminsys: contains Setvar Findhdr

?MAKE: -pick add \$@ %<

?S:d\_tminsys:

?S: This variable conditionally defines TM\_IN\_SYS if this system

?S: declares "struct tm" in <sys/time.h> rather than <time.h>.

?S:.

?C:TM\_IN\_SYS (TMINSYS):

?C: This symbol is defined if this system declares "struct tm" in

?C: in <sys/time.h> rather than <time.h>. We can't just say

?C: -I/usr/include/sys because some systems have both time files, and

?C: the -I trick gets the wrong one.

?C:.

?H:#\$d\_tminsys TM\_IN\_SYS /\*\*/

?H:.

?LINT:set d\_tminsys

: see if struct tm is defined in sys/time.h

echo " "

if \$contains 'struct tm' `./findhdr time.h` >/dev/null 2>&1 ; then

echo "You have struct tm defined in <time.h> rather than <sys/time.h>." >&4

val="\$undef"

else

echo "You have struct tm defined in <sys/time.h> rather than <time.h>." >&4

val="\$define"

fi

set d\_tminsys

eval \$setvar

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_tminsys.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_srandom_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_srandom_r srandom_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_stdlib extern_C
?MAKE: -pick add $@ %<
?S:d_srandom_r:
?S: This variable conditionally defines the HAS_SRANDOM_R symbol,
?S: which indicates to the C program that the srandom_r()
?S: routine is available.
?S:
?S:srandom_r_proto:
?S: This variable encodes the prototype of srandom_r.
?S: It is zero if d_srandom_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_srandom_r
?S: is defined.
?S:
?C:HAS_SRANDOM_R:
?C: This symbol, if defined, indicates that the srandom_r routine
?C: is available to srandom re-entrantly.
?C:
?C:SRANDOM_R_PROTO:
?C: This symbol encodes the prototype of srandom_r.
?C: It is zero if d_srandom_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_srandom_r
?C: is defined.
?C:
?H:#$d_srandom_r HAS_SRANDOM_R /**/
?H:#define SRANDOM_R_PROTO $srandom_r_proto /**/
?H:
?T:try hdrs d_srandom_r_proto
: see if srandom_r exists
set srandom_r d_srandom_r
eval $inlibc
case "$d_srandom_r" in
"$define")
  hdrs="$i_systypes sys/types.h define stdio.h $i_stdlib stdlib.h"
  case "$d_srandom_r_proto:$usethreads" in
```

```

":define") d_srandom_r_proto=define
set d_srandom_r_proto srandom_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_srandom_r_proto" in
define)
case "$srandom_r_proto" in
"|0) try='int srandom_r(unsigned int, struct random_data*);'
./protochk "$extern_C $try" $hdrs && srandom_r_proto=I_TS ;;
esac
case "$srandom_r_proto" in
"|0) d_srandom_r=undef
srandom_r_proto=0
echo "Disabling srandom_r, cannot determine prototype." >&4 ;;
* ) case "$srandom_r_proto" in
REENTRANT_PROTO*) ;;
*) srandom_r_proto="REENTRANT_PROTO_$$srandom_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "srandom_r has no prototype, not using it." >&4 ;;
esac
d_srandom_r=undef
srandom_r_proto=0
;;
esac
;;
*) srandom_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_srandom\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: charorder.U,v 3.0.1.1 1994/10/29 16:07:08 ram Exp \$

?RCS:

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?RCS: of the source tree for dist 3.0.

```

?RCS:
?RCS: $Log: charorder.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:07:08 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:33 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:chorder_int chorder_short chorder_long: Myread cat Compile rm
?MAKE: -pick add $@ %<
?S:chorder_short (d_cos d_bos):
?S: Holds the value describing the byte ordering of characters in a short.
?S: On a Big-Endian machine, that would be "c0c1".
?S:.
?S:chorder_int (charoder):
?S: Holds the value describing the byte ordering of characters in an int.
?S: For instance, on a Big-Endian machine, this would be: "c0c1c2c3".
?S:.
?S:chorder_long (d_col d_bol):
?S: Holds the value describing the byte ordering of characters in a long.
?S: On a 64 bits Big-Endian machine, that would yield: "c0c1c2c3c4c5c6c7".
?S:.
?C:CHAR_ORDER_SHORT:
?C: Holds the byte ordering of characters in a short. It's a string
?C: value like "c0c1" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_INT:
?C: Holds the byte ordering of characters in an int. It's a string
?C: value like "c0c1c2c3" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_LONG:
?C: Holds the byte ordering of characters in a long. It's a string
?C: value like "c0c1c2c3c4c5c6c7" on a 64 bits Big-Endian machine.
?C:.
?H:#define CHAR_ORDER_SHORT "$chorder_short" /* byte order in a short */
?H:#define CHAR_ORDER_INT "$chorder_int" /* byte order in an int */
?H:#define CHAR_ORDER_LONG "$chorder_long" /* byte order in a long */
?H:.
?F:!byteorder
: check for character ordering
echo " "
echo "Checking out byte order..." >&4
$cat >byteorder.c <<'EOCP'
#include <stdio.h>

int main(argc, argv)
int argc;
char *argv[]; {

```

```

int i;
int max;
union {
    short u_s;
    int u_i;
    long u_l;
    char u_c[sizeof(long)];
} u;
switch (argv[1][0]) {
case 'l':
    u.u_l = 0L;
    /* HMS: ASSERT: sizeof(long) < 10. */
    for(i = 0; i < sizeof(long); ++i) {
        u.u_l *= 0x100L;
        u.u_l += (0xc0 + i);
    }
    max = sizeof(long);
    break;
case 's':
    u.u_s = 0;
    /* HMS: ASSERT: sizeof(short) < 10. */
    for(i = 0; i < sizeof(short); ++i) {
        u.u_s *= 0x100L;
        u.u_s += (0xc0 + i);
    }
    max = sizeof(short);
    break;
case 'i':
    u.u_i = 0;
    /* RAM: ASSERT: sizeof(int) < 10. */
    for(i = 0; i < sizeof(int); ++i) {
        u.u_l *= 0x100L;
        u.u_l += (0xc0 + i);
    }
    max = sizeof(int);
    break;
default:
    max = 0;
    break;
}
for(i = 0; i < max; i++) {
    printf("%x", u.u_c[i] & 0x00FF);
}
printf("\n");
exit(0);
}
EOCP
set byteorder

```

```

if eval $compile_ok ; then
: null statement
@if chorder_short
  chorder_short=`./byteorder s`
@end
@if chorder_int
  chorder_int=`./byteorder i`
@end
@if chorder_long
  chorder_long=`./byteorder l`
@end
else
$cat <<EOM
(I can't seem to get my test program to work. Guessing 32 bits big-endian.)
EOM
  chorder_short="c0c1"
  chorder_int="c0c1c2c3"
  chorder_long="c0c1c2c3"
fi
@if chorder_short
dflt=$chorder_short
rp="What is the order of characters in a short?"
./myread
chorder_short="$ans"
@end
@if chorder_int
dflt=$chorder_int
rp="What is the order of characters in an int?"
./myread
chorder_int="$ans"
@end
@if chorder_long
dflt=$chorder_long
rp="What is the order of characters in a long?"
./myread
chorder_long="$ans"
@end
$rm -f byteorder* core

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/charorder.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_random\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_random\_r random\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
 usethreads i\_stdlib extern\_C

?MAKE: -pick add \$@ %<

?S:d\_random\_r:

?S: This variable conditionally defines the HAS\_RANDOM\_R symbol,  
 ?S: which indicates to the C program that the random\_r()  
 ?S: routine is available.

?S:.

?S:random\_r\_proto:

?S: This variable encodes the prototype of random\_r.  
 ?S: It is zero if d\_random\_r is undef, and one of the  
 ?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_random\_r  
 ?S: is defined.

?S:.

?C:HAS\_RANDOM\_R:

?C: This symbol, if defined, indicates that the random\_r routine  
 ?C: is available to random re-entrantly.

?C:.

?C:RANDOM\_R\_PROTO:

?C: This symbol encodes the prototype of random\_r.  
 ?C: It is zero if d\_random\_r is undef, and one of the  
 ?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_random\_r  
 ?C: is defined.

?C:.

?H:#\$d\_random\_r HAS\_RANDOM\_R /\*\*/  
 ?H:#define RANDOM\_R\_PROTO \$random\_r\_proto /\*\*/  
 ?H:.

?T:try hdrs d\_random\_r\_proto  
 : see if random\_r exists  
 set random\_r d\_random\_r  
 eval \$inlibc  
 case "\$d\_random\_r" in  
 "\$define")  
 hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_stdlib stdlib.h"  
 case "\$d\_random\_r\_proto:\$usethreads" in  
 ":define") d\_random\_r\_proto=define  
 set d\_random\_r\_proto random\_r \$hdrs  
 eval \$hasproto ;;  
 \*) ;;  
 esac  
 case "\$d\_random\_r\_proto" in  
 define)  
 case "\$random\_r\_proto" in  
 "|0) try='int random\_r(int\*, struct random\_data\*);'

```

./prochck "$extern_C $try" $hdrs && random_r_proto=I_iS ;;
esac
case "$random_r_proto" in
"|0) try='int random_r(long*, struct random_data*);'
./prochck "$extern_C $try" $hdrs && random_r_proto=I_lS ;;
esac
case "$random_r_proto" in
"|0) try='int random_r(struct random_data*, int32_t*);'
./prochck "$extern_C $try" $hdrs && random_r_proto=I_St ;;
esac
case "$random_r_proto" in
"|0) d_random_r=undef
random_r_proto=0
echo "Disabling random_r, cannot determine prototype." >&4 ;;
*) case "$random_r_proto" in
REENTRANT_PROTO*) ;;
*) random_r_proto="REENTRANT_PROTO_$random_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "random_r has no prototype, not using it." >&4 ;;
esac
d_random_r=undef
random_r_proto=0
;;
esac
;;
*) random_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_random\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS: of the source tree for dist 4.0.

?RCS:

```

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_gconvert.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:33:38 ram
?RCS: patch61: integrated new unit from perl5
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 13:55:59 ram
?RCS: patch56: improved comments about the Gconvert macro (ADO)
?RCS: patch56: force compile-link test since it may exist but be unusable (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:12:51 ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_Gconvert: cat cc cflags ldflags libs rm_try _o
?MAKE: -pick add $@ %<
?S:d_Gconvert:
?S: This variable holds what Gconvert is defined as to convert
?S: floating point numbers into strings. It could be 'gconvert'
?S: or a more complex macro emulating gconvert with gcvt() or sprintf.
?S:.
?C:Gconvert:
?C: This preprocessor macro is defined to convert a floating point
?C: number to a string without a trailing decimal point. This
?C: emulates the behavior of sprintf("%g"), but is sometimes much more
?C: efficient. If gconvert() is not available, but gcvt() drops the
?C: trailing decimal point, then gcvt() is used. If all else fails,
?C: a macro using sprintf("%g") is used. Arguments for the Gconvert
?C: macro are: value, number of digits, whether trailing zeros should
?C: be retained, and the output buffer.
?C: Possible values are:
?C: d_Gconvert='gconvert((x),(n),(t),(b))'
?C: d_Gconvert='gcvt((x),(n),(b))'
?C: d_Gconvert='sprintf((b),"%.*g",(n),(x))'
?C: The last two assume trailing zeros should not be kept.
?C:.
?H:#define Gconvert(x,n,t,b) $d_Gconvert
?H:.
?T: xxx_list xxx_convert
?F:!try
?X:
: Check how to convert floats to strings.
echo " "
echo "Checking for an efficient way to convert floats to strings."
?X: We want to be sure to drop trailing decimal points (perl5
?X: needs this).
$cat >try.c <<'EOP'
#ifdef TRY_gconvert
#define Gconvert(x,n,t,b) gconvert((x),(n),(t),(b))

```

```

char *myname = "gconvert";
#endif
#ifdef TRY_gcv
#define Gconvert(x,n,t,b) gcv((x),(n),(b))
char *myname = "gcv";
#endif
#ifdef TRY_sprintf
#define Gconvert(x,n,t,b) sprintf((b),"%.*g", (n),(x))
char *myname = "sprintf";
#endif

#include <stdio.h>

int
checkit(expect, got)
char *expect;
char *got;
{
    if (strcmp(expect, got)) {
        printf("%s oddity: Expected %s, got %s\n",
            myname, expect, got);
        exit(1);
    }
}

int
main()
{
    char buf[64];
    buf[63] = '\0';

    /* This must be 1st test on (which?) platform */
    /* Alan Burlison <AlanBurlsin@unn.unisys.com> */
    Gconvert(0.1, 8, 0, buf);
    checkit("0.1", buf);

    Gconvert(1.0, 8, 0, buf);
    checkit("1", buf);

    Gconvert(0.0, 8, 0, buf);
    checkit("0", buf);

    Gconvert(-1.0, 8, 0, buf);
    checkit("-1", buf);

    /* Some Linux gcv's give 1.e+5 here. */
    Gconvert(100000.0, 8, 0, buf);
    checkit("100000", buf);

```

```
/* Some Linux gcvt's give -1.e+5 here. */
```

```
Gconvert(-100000.0, 8, 0, buf);
```

```
checkit("-100000", buf);
```

```
exit(0);
```

```
}
```

```
EOP
```

```
?X: List of order in which to search for functions.
```

```
?X: Usual order of efficiency is gconvert gcvt sprintf
```

```
?X: Respect a previous or hinted value.
```

```
case "$d_Gconvert" in
```

```
gconvert*) xxx_list='gconvert gcvt sprintf' ;;
```

```
gcvt*) xxx_list='gcvt gconvert sprintf' ;;
```

```
sprintf*) xxx_list='sprintf gconvert gcvt' ;;
```

```
*) xxx_list='gconvert gcvt sprintf' ;;
```

```
esac
```

```
for xxx_convert in $xxx_list; do
```

```
echo "Trying $xxx_convert"
```

```
$rm_try
```

```
if $cc $ccflags -DTRY_$xxx_convert $ldflags -o try \
```

```
try.c $libs > /dev/null 2>&1 ; then
```

```
echo "$xxx_convert" found. >&4
```

```
if ./try; then
```

```
echo "I'll use $xxx_convert to convert floats into a string." >&4
```

```
break;
```

```
else
```

```
echo "...But $xxx_convert didn't work as I expected."
```

```
fi
```

```
else
```

```
echo "$xxx_convert NOT found." >&4
```

```
fi
```

```
done
```

```
case "$xxx_convert" in
```

```
gconvert) d_Gconvert='gconvert((x),(n),(t),(b))' ;;
```

```
gcvt) d_Gconvert='gcvt((x),(n),(b))' ;;
```

```
*) d_Gconvert='sprintf((b),"%.*g",(n),(x))' ;;
```

```
esac
```

```
Found in path(s):
```

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

```
5.30.0/dist/U/d_gconvert.U
```

```
No license file was found, but licenses were detected in source scan.
```

```
?RCS: $Id: i_limits.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: i\_limits.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:08:20 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:i\_limits: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_limits:  
?S: This variable conditionally defines the I\_LIMITS symbol, and indicates  
?S: whether a C program may include <limits.h> to get symbols like WORD\_BIT  
?S: and friends.  
?S:.  
?C:I\_LIMITS:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <limits.h> to get definition of symbols like WORD\_BIT or  
?C: LONG\_MAX, i.e. machine dependant limitations.  
?C:.  
?H:#\$i\_limits I\_LIMITS /\*\*/  
?H:.  
?LINT:set i\_limits  
: see if this is a limits.h system  
set limits.h i\_limits  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_limits.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_voidsig.U,v \$  
?RCS: Revision 3.0.1.3 1995/05/12 12:12:46 ram

```

?RCS: patch54: made cppflags dependency optional
?RCS:
?RCS: Revision 3.0.1.2 1994/08/29 16:20:35 ram
?RCS: patch32: now sets signal_t only once d_voidsig is known (WED)
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 06:59:54 ram
?RCS: patch30: now properly sets signal_t when re-using previous value
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:56 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_voidsig signal_t: rm contains cppstdin cppminus +cppflags test Myread \
Oldconfig Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_voidsig:
?S: This variable conditionally defines VOIDSIG if this system
?S: declares "void (*signal(...))()" in signal.h. The old way was to
?S: declare it as "int (*signal(...))()".
?S:.
?S:signal_t:
?S: This variable holds the type of the signal handler (void or int).
?S:.
?C:VOIDSIG:
?C: This symbol is defined if this system declares "void (*signal(...))()" in
?C: signal.h. The old way was to declare it as "int (*signal(...))()". It
?C: is up to the package author to declare things correctly based on the
?C: symbol.
?C:.
?C:Signal_t (SIGNAL_T):
?C: This symbol's value is either "void" or "int", corresponding to the
?C: appropriate return type of a signal handler. Thus, you can declare
?C: a signal handler using "Signal_t (*handler())", and define the
?C: handler using "Signal_t handler(sig)".
?C:.
?H:#$d_voidsig VOIDSIG /**/
?H:#define Signal_t $signal_t /* Signal handler's return type */
?H:.
?T:xxx
?LINT:set d_voidsig
: see if signal is declared as pointer to function returning int or void
echo " "
xxx=`./findhdr signal.h`
$test "$xxx" && $cppstdin $cppminus $cppflags < $xxx >$.tmp 2>/dev/null
if $contains 'int.*\[ ]*signal' $.tmp >/dev/null 2>&1 ; then
echo "You have int (*signal())() instead of void." >&4
val="$undef"
elif $contains 'void.*\[ ]*signal' $.tmp >/dev/null 2>&1 ; then
echo "You have void (*signal())() instead of int." >&4

```

```

val="$define"
elif $contains 'extern[ ]*[(\[*]*signal' $$tmp >/dev/null 2>&1 ; then
echo "You have int (*signal())() instead of void." >&4
val="$undef"
else
case "$d_voidsig" in
")
echo "I can't determine whether signal handler returns void or int..." >&4
dflt=void
rp="What type does your signal handler return?"
./myread
case "$ans" in
v*) val="$define";;
*) val="$undef";;
esac;;
"$define")
echo "As you already told me, signal handler returns void." >&4;;
*)
echo "As you already told me, signal handler returns int." >&4;;
esac
fi
set d_voidsig
eval $setvar
case "$d_voidsig" in
"$define") signal_t="void";;
*) signal_t="int";;
esac
$rm -f $$tmp

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_voidsig.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: lseektype.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:30:10 ram

?RCS: patch32: now uses new Typedef unit to compute type information

?RCS:



```

?RCS: Revision 3.0 1993/08/18 12:09:08 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:lseektype: Myread Typedef
?MAKE: -pick add $@ %<
?S:lseektype:
?S: This variable defines lseektype to be something like off_t, long,
?S: or whatever type is used to declare lseek offset's type in the
?S: kernel (which also appears to be lseek's return type).
?S:.
?C:Off_t (LSEEKTYPE):
?C: This symbol holds the type used to declare offsets in the kernel.
?C: It can be int, long, off_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Off_t $lseektype /* <offset> type */
?H:.
: see what type lseek is declared as in the kernel
set off_t lseektype long stdio.h sys/types.h
eval $typedef
echo " "
dflt="$lseektype"
rp="What type is lseek's offset on this system declared as?"
./myread
lseektype="$ans"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lseektype.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: pkgsrc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:pkgsrc: src rsrc
?MAKE: -pick add $@ %<
?S:pkgsrc:
?S: This variable holds the absolute path of the package source.
?S:.
?C:PACKAGE_SOURCE_DIR:
?C: Holds the directory name holding the package source.

```

```
?C:.
?H:#define PACKAGE_SOURCE_DIR "$pkgsrc"
?H:.
: define absolute package source directory
case "$src" in
/*) pkgsrc=$src;;
*) pkgsrc=`cd $rsrc; pwd`;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/pkgsrc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getgrent.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_getgrent.U,v $
?RCS:
?MAKE:d_getgrent: Inlibc
?MAKE: -pick add $@ %<
?S:d_getgrent:
?S: This variable conditionally defines the HAS_GETGRENT symbol, which
?S: indicates to the C program that the getgrent() routine is available
?S: for sequential access of the group database.
?S:.
?C:HAS_GETGRENT:
?C: This symbol, if defined, indicates that the getgrent routine is
?C: available for sequential access of the group database.
?C:.
?H:#$d_getgrent HAS_GETGRENT /**/
?H:.
?LINT:set d_getgrent
: see if getgrent exists
set getgrent d_getgrent
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getgrent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: prototype.U,v 3.0.1.3 1994/05/06 15:11:49 ram Exp $
?RCS:
```

?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
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?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: prototype.U,v \$  
?RCS: Revision 3.0.1.3 1994/05/06 15:11:49 ram  
?RCS: patch23: ensure cc flags used when looking for prototype support  
?RCS:  
?RCS: Revision 3.0.1.2 1994/01/24 14:15:36 ram  
?RCS: patch16: prototype handling macros now appear only when needed  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/25 14:03:12 ram  
?RCS: patch6: defines were referring to non-existent VOID symbol  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:36 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:prototype: Nothing  
?S:prototype:  
?S: This variable holds the eventual value of CAN\_PROTOTYPE, which  
?S: indicates the C compiler can handle function prototypes.  
?S:.  
: stub, never used  
prototype=nothing

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/prototype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1998 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the WRITEME file.  
?RCS:  
?MAKE:d\_writev: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_writev:  
?S: This variable conditionally defines the HAS\_WRITEV symbol, which  
?S: indicates to the C program that the writev() routine is available.  
?S:.  
?C:HAS\_WRITEV:

?C: This symbol, if defined, indicates that the writev routine is

?C: available to do scatter writes.

?C:.

?H:#\$d\_writev HAS\_WRITEV /\*\*/

?H:.

?LINT:set d\_writev

: see if writev exists

set writev d\_writev

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_writev.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_vfork.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_vfork.U,v \$

?RCS: Revision 3.0.1.1 1994/05/06 15:05:44 ram

?RCS: patch23: avoid inclusion of <vfork.h> if no vfork() used (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:50 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_vfork: Inhdr d\_vfork

?MAKE: -pick add \$@ %<

?S:i\_vfork:

?S: This variable conditionally defines the I\_VFORK symbol, and indicates

?S: whether a C program should include vfork.h.

?S:.

?C:I\_VFORK:

?C: This symbol, if defined, indicates to the C program that it should

?C: include vfork.h.

?C:.

?H:#\$i\_vfork I\_VFORK /\*\*/

?H:.

: see if this is a vfork system

case "\$d\_vfork" in

"\$define")

set vfork.h i\_vfork

```
eval $inhdr
;;
*)
i_vfork="$undef"
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_vfork.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getprotoprotos.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
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```

```
?RCS: as specified in the README file that comes with the distribution.
```

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```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?MAKE:d_getprotoprotos : Hasproto i_netdb
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_getprotoprotos:
```

```
?S: This variable conditionally defines the HAS_GETPROTO_PROTOS symbol,
```

```
?S: which indicates to the C program that <netdb.h> supplies
```

```
?S: prototypes for the various getproto*() functions.
```

```
?S: See also netdbtype.U for probing for various netdb types.
```

```
?S:.
```

```
?C:HAS_GETPROTO_PROTOS:
```

```
?C: This symbol, if defined, indicates that <netdb.h> includes
```

```
?C: prototypes for getprotoent(), getprotobyname(), and
```

```
?C: getprotobyaddr(). Otherwise, it is up to the program to guess
```

```
?C: them. See netdbtype.U for probing for various Netdb_xxx_t types.
```

```
?C:.
```

```
?H:#$d_getprotoprotos HAS_GETPROTO_PROTOS /**/
```

```
?H:.
```

```
?LINT:set d_getprotoprotos
```

```
: see if prototypes for various getprotoxxx netdb.h functions are available
```

```
echo " "
```

```
set d_getprotoprotos getprotoent $i_netdb netdb.h
```

```
eval $hasproto
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_getprotoprotos.U
```

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?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fmin: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fmin:

?S: This variable conditionally defines the HAS\_FMIN symbol, which

?S: indicates to the C program that the fmin() routine is available.

?S:.

?C:HAS\_FMIN:

?C: This symbol, if defined, indicates that the fmin routine is

?C: available to do the minimum function.

?C:.

?H:#\$d\_fmin HAS\_FMIN /\*\*/

?H:.

?LINT:set d\_fmin

: see if fmin exists

set fmin d\_fmin

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fmin.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_memccpy.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_memccpy.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:31 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_memccpy: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_memccpy:

?S: This variable conditionally defines the HAS\_MEMCCPY symbol, which

?S: indicates to the C program that the memccpy() routine is available

?S: to copy a character into a block of memory.

?S:.

?C:HAS\_MEMCCPY (MEMCCPY):

?C: This symbol, if defined, indicates that the memccpy routine is available

?C: to copy a character into a block of memory. Otherwise you should

?C: roll your own.

?C:.

?H:#\$d\_memccpy HAS\_MEMCCPY /\*\*/

?H:.

?LINT:set d\_memccpy

: see if memccpy exists

set memccpy d\_memccpy

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_memccpy.U

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_llroundl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_llroundl:

?S: This variable conditionally defines the HAS\_LLROUNDL symbol, which

?S: indicates to the C program that the llroundl() routine is available

?S: to return the long long value nearest to x away from zero.

?S:.

?C:HAS\_LLROUNDL:

?C: This symbol, if defined, indicates that the llroundl routine is

?C: available to return the nearest long long value away from zero of

?C: the long double argument value.

?C:.

?H:#\$d\_llroundl HAS\_LLROUNDL /\*\*/

?H:.

?LINT:set d\_llroundl

: see if llroundl exists

set llroundl d\_llroundl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_llroundl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_strerror.U,v \$  
?RCS: Revision 3.0.1.3 1994/05/13 15:20:27 ram  
?RCS: patch27: now uses new macro support for cleaner Strerror def  
?RCS:  
?RCS: Revision 3.0.1.2 1994/05/06 14:58:26 ram  
?RCS: patch23: renamed strerror into Strerror to protect name space (ADO)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/01/24 14:08:56 ram  
?RCS: patch16: protected code looking for sys\_errnolist[] with @if  
?RCS: patch16: added default value for d\_syserrlst  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:07:35 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_strerror d\_syserrlst d\_syserrlst d\_strerror: contains Csym Findhdr  
?MAKE: -pick add \$@ %<  
?S:d\_strerror:  
?S: This variable conditionally defines HAS\_STRERROR if strerror() is  
?S: available to translate error numbers to strings.  
?S:.  
?S:d\_syserrlst:  
?S: This variable conditionally defines HAS\_SYS\_ERRLIST if sys\_errlist[] is  
?S: available to translate error numbers to strings.  
?S:.  
?S:d\_syserrlst:  
?S: This variable conditionally defines HAS\_SYS\_ERRNOLIST if sys\_errnolist[]  
?S: is available to translate error numbers to the symbolic name.  
?S:.  
?S:d\_strerror:  
?S: This variable holds what Strerrr is defined as to translate an error  
?S: code condition into an error message string. It could be 'strerror'  
?S: or a more complex macro emulating strrror with sys\_errlist[], or the  
?S: "unknown" string when both strerror and sys\_errlist are missing.  
?S:.  
?C:HAS\_STRERROR (STRERROR):  
?C: This symbol, if defined, indicates that the strerror routine is  
?C: available to translate error numbers to strings. See the writeup  
?C: of Strerror() in this file before you try to define your own.  
?C:.  
?C:HAS\_SYS\_ERRLIST (SYSERRLIST):  
?C: This symbol, if defined, indicates that the sys\_errlist array is  
?C: available to translate error numbers to strings. The extern int



```

?C: sys_nerr gives the size of that table.
?C:.
?C:HAS_SYS_ERRNOLIST (SYSERRNOLIST):
?C: This symbol, if defined, indicates that the sys_errnolist array is
?C: available to translate an errno code into its symbolic name (e.g.
?C: ENOENT). The extern int sys_nerrno gives the size of that table.
?C:.
?C:Strerror:
?C: This preprocessor symbol is defined as a macro if strerror() is
?C: not available to translate error numbers to strings but sys_errlist[]
?C: array is there.
?C:.
?H:#$d_strerror HAS_STRERROR /**/
?H:#$d_syserrlst HAS_SYS_ERRLIST /**/
?H:#$d_syserrnlst HAS_SYS_ERRNOLIST /**/
?H:#define Strerror(e) $d_strerror
?H:.
?D:d_syserrnlst="
?T:xxx val
: see if strerror and/or sys_errlist[] exist
echo " "
if set strerror val -f d_strerror; eval $csym; $val; then
echo 'strerror() found.' >&4
d_strerror="$define"
d_strerrorm='strerror(e)'
if set sys_errlist val -a d_syserrlst; eval $csym; $val; then
echo "(You also have sys_errlist[], so we could roll our own strerror.)"
d_syserrlst="$define"
else
echo "(Since you don't have sys_errlist[], strerror() is welcome.)"
d_syserrlst="$undef"
fi
elif xxx=`./findhdr string.h`; test "$xxx" || xxx=`./findhdr strings.h`; \
$contains '#[ ]*define.*strerror' "$xxx" >/dev/null 2>&1; then
echo 'strerror() found in string header.' >&4
d_strerror="$define"
d_strerrorm='strerror(e)'
if set sys_errlist val -a d_syserrlst; eval $csym; $val; then
echo "(Most probably, strerror() uses sys_errlist[] for descriptions.)"
d_syserrlst="$define"
else
echo "(You don't appear to have any sys_errlist[], how can this be?)"
d_syserrlst="$undef"
fi
elif set sys_errlist val -a d_syserrlst; eval $csym; $val; then
echo "strerror() not found, but you have sys_errlist[] so we'll use that." >&4
d_strerror="$undef"
d_syserrlst="$define"

```

```

d_strerrorm='((e)<0||(e)>=sys_nerr?"unknown":sys_errlist[e])'
else
echo 'strerror() and sys_errlist[] NOT found.'>&4
d_strerror="$undef"
d_syserrlst="$undef"
d_strerrorm="unknown"
fi
@if d_syserrlst || HAS_SYS_ERRNOLIST
if set sys_errnolist val -a d_syserrlst; eval $sym; $val; then
echo "(Symbolic error codes can be fetched via the sys_errnolist[] array.)"
d_syserrlst="$define"
else
echo "(However, I can't extract the symbolic error code out of errno.)"
d_syserrlst="$undef"
fi
@end

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strerror.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_getnent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_getnent.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getnent: Inlibc
?MAKE: -pick add $@ %<
?S:d_getnent:
?S: This variable conditionally defines HAS_GETNETENT if getnent() is
?S: available to look up network names in some data base or another.
?S:.
?C:HAS_GETNETENT:
?C: This symbol, if defined, indicates that the getnent() routine is
?C: available to look up network names in some data base or another.
?C:.
?H:#$d_getnent HAS_GETNETENT /**/
?H:.

```

```
?LINT:set d_getnetent
: see if getnetent exists
set getnetent d_getnetent
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getnetent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_syslog.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:i_syslog: Inhdr Hasfield
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_syslog:
```

```
?S: This variable conditionally defines the I_SYSLOG symbol,
```

```
?S: and indicates whether a C program should include <syslog.h>.
```

```
?S:.
```

```
?C:I_SYSLOG:
```

```
?C: This symbol, if defined, indicates that <syslog.h> exists and
```

```
?C: should be included.
```

```
?C:.
```

```
?H:#$i_syslog I_SYSLOG /**/
```

```
?H:.
```

```
?LINT:set i_syslog
```

```
: see if this is a syslog.h system
```

```
set syslog.h i_syslog
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_syslog.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1996,1998 Andy Dougherty
```

```
?RCS: Copyright (c) 1996, Sven Verdoolaege
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d\_gnulibc gnulibc\_version: Myread Oldconfig Setvar rm\_try \  
cat Compile run

?MAKE: -pick add \$@ %<

?S:d\_gnulibc:

?S: Defined if we're dealing with the GNU C Library.

?S:.

?S:gnulibc\_version:

?S: This variable contains the version number of the GNU C library.

?S: It is usually something like '2.2.5'. It is a plain " if this  
?S: is not the GNU C library, or if the version is unknown.

?S:.

?C:HAS\_GNULIBC ~ %<:

?C: This symbol, if defined, indicates to the C program that  
?C: the GNU C library is being used. A better check is to use  
?C: the \_\_GLIBC\_\_ and \_\_GLIBC\_MINOR\_\_ symbols supplied with glibc.

?C:.

?H:%<:#\$d\_gnulibc HAS\_GNULIBC /\*\*/  
?H:%<:#if defined(HAS\_GNULIBC) && !defined(\_GNU\_SOURCE)  
?H:%<:#define \_GNU\_SOURCE  
?H:%<:#endif

?H:.

?F:!glibc.ver !try.c !try

?LINT: set d\_gnulibc

?LINT: usefile try.c

?LINT: known \_GNU\_SOURCE

?X: gnulibc can be executed by calling \_\_libc\_main().  
?X: Ulrich Drepper doesn't think any other libc does that,  
?X: but we check if it says 'GNU C Library' to be sure.

?X:

?X: Alas, as of 3/1998 glibc 2.0.7 reportedly isn't going to  
?X: have \_\_libc\_main() anymore. :-(. Fortunately, all released  
?X: versions of glibc 2.x.x \_do\_ have CPP variables. For 2.0.6,  
?X: they are:

?X: #define \_\_GLIBC\_\_ 2  
?X: #define \_\_GLIBC\_MINOR\_\_ 0.  
?X: (The '6' isn't available :-(.  
?X: glibc2.1 will also have

?X: extern const char \* \_\_gnu\_get\_libc\_release(void);  
?X: extern const char \* \_\_gnu\_get\_libc\_version(void);  
?X: functions. --thanks to Andreas Jaeger. --AD 6/1998.  
?X: Although the exact format isn't documented, \_\_gnu\_get\_libc\_version()  
?X: returns a simple string '2.1.3' in glibc 2.1.3.

?X:

: determine whether we are using a GNU C library  
echo " "

```

echo "Checking for GNU C Library..." >&4
cat >try.c <<'EOCP'
/* Find out version of GNU C library. __GLIBC__ and __GLIBC_MINOR__
   alone are insufficient to distinguish different versions, such as
   2.0.6 and 2.0.7. The function gnu_get_libc_version() appeared in
   libc version 2.1.0.   A. Dougherty, June 3, 2002.
*/
#include <stdio.h>
int main(void)
{
#ifdef __GLIBC__
#  ifdef __GLIBC_MINOR__
#    if __GLIBC__ >= 2 && __GLIBC_MINOR__ >= 1
#      include <gnu/libc-version.h>
      printf("%s\n", gnu_get_libc_version());
#    else
      printf("%d.%d\n", __GLIBC__, __GLIBC_MINOR__);
#    endif
#  else
      printf("%d\n", __GLIBC__);
#  endif
  return 0;
#else
  return 1;
#endif
}
EOCP
set try
if eval $compile_ok && $run ./try > glibc.ver; then
  val="$define"
  gnulibc_version=`$cat glibc.ver`
  echo "You are using the GNU C Library version $gnulibc_version"
else
  val="$undef"
  gnulibc_version=""
  echo "You are not using the GNU C Library"
fi
$rm_try glibc.ver
set d_gnulibc
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gnulibc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Myread.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: Myread.U,v \$  
?RCS: Revision 3.0.1.6 1997/02/28 15:05:39 ram  
?RCS: patch61: myread script now starts with a "startsh"  
?RCS: patch61: miscellaneous fixes  
?RCS:  
?RCS: Revision 3.0.1.5 1995/01/11 15:14:22 ram  
?RCS: patch45: added & escape allowing user to turn on -d from the prompt  
?RCS:  
?RCS: Revision 3.0.1.4 1994/10/31 09:48:04 ram  
?RCS: patch44: added Options to the MAKE line since it's no longer in Init.U  
?RCS:  
?RCS: Revision 3.0.1.3 1994/10/29 15:56:20 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS:  
?RCS: Revision 3.0.1.2 1993/08/30 08:57:59 ram  
?RCS: patch8: added new visible 'nostick' symbol, mainly for Finish.U  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/27 14:39:20 ram  
?RCS: patch7: now sticks to the question when no default and empty answer  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:08 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit produces a bit of shell code that must be dotted in in order  
?X: to do a read. It allows for shell escapes, default assignment and  
?X: parameter evaluation.  
?X:  
?X: To use this unit, \$rp and \$dflt must hold the question and the  
?X: default answer. The question will be printed by the script itself.  
?X: Neither \$rp nor \$dflt is altered by the script.  
?X:  
?X: The myread script will stick to the question if no default is proposed  
?X: and the user answer is empty, which prevents mistakes. However, at the  
?X: end of Configure, there is an exception to this rule (Finish.U) where we  
?X: set nostick to a non-empty value to allow the Return key to play its role!  
?X:  
?MAKE:Myread: Options startsh n c trnl  
?MAKE:-pick add \$@ %<  
?V:ans:dflt rp nostick

```
?F:./myread
?T:COLUMNS xxxm rp dflt answ aok myecho
?LINT:change fastread
?X: Some shells (Ultrix) do not understand ${COLUMNS:-80}, sigh!
: compute the number of columns on the terminal for proper question formatting
case "$COLUMNS" in
") COLUMNS='80';;
esac
```

: set up the echo used in my read

?X:

?X: This variable is intended to be eval'ed. It will echo the two

?X: variables \$rp and \$dflt (provided this latter has a non null value).

?X: It is mainly used by the myread script to echo the questions.

?X:

?X: The \$n and \$c below are substituted before Loc does its silly echo check

?X: so don't put a \$ on the echo below so we get builtin, even if \$echo is

?X: pointing to /bin/echo.

?X:

```
myecho="case \"\$xxxm\" in
```

```
) echo $n \"\$rp $c\" >&4;;
```

```
*) case \"\$rp\" in
```

```
) echo $n \"[\$xxxm] $c\";;
```

```
*)
```

```
if test `echo \"\$rp [\$xxxm] \" | wc -c` -ge $COLUMNS; then
```

```
echo \"\$rp\" >&4
```

```
echo $n \"[\$xxxm] $c\" >&4
```

```
else
```

```
echo $n \"\$rp [\$xxxm] $c\" >&4
```

```
fi
```

```
::
```

```
esac;;
```

```
esac"
```

: now set up to do reads with possible shell escape and default assignment

```
cat <<EOESC >myread
```

```
$startsh
```

?X:

?X: Save value of default -- do not alter original in case of eval

?X:

```
xxxm=\$dflt
```

```
$myecho
```

?X:

?X: If there is no default, then stop, regardless of the value in fastread.

?X: In silent mode, no new-line is to be echoed if the question is empty,

?X: since this is used to wait for the "return" key.

?X:

```
ans='!'
```

```

case "\$fastread" in
yes) case "\$dfit" in
") ;;
*) ans=";
case "\$silent-\$rp" in
true-) ;;
*) echo " " >&4;;
esac;;
esac;;
*) case "\$silent" in
true) case "\$rp" in
") ans=";
esac;;
esac;;
esac
while expr "X\$ans" : "X!" >/dev/null; do
read answ
?X:
?X: Run 'eval' on the answer, in order to do variable substitution, in case
?X: the user types $HOME or $WHATEVER. Variables must be evaluated now.
?X: Typing '\$HOME' won't currently prevent from substitution -- use '\\$HOME'
?X: The $1 .. $9 and $*, as well as $@, are available to refer to the
?X: default value.
?X:
set x \$xxxm
shift
aok="; eval "ans=\\\"\$answ\\\"" && aok=y
case "\$answ" in
?X:
?X: Use "!" and not a plain ! because of a bug in BSD 4.4 shell
?X: (reported by Wayne Davison)
?X: We must handle the shell escapes before dealing with possible variable
?X: substitution, since the shell we're launching in that case will be able
?X: to do it as well as we can -- RAM, 15/03/96
?X
"!")
sh 1>&4
echo " "
$myecho
;;
!*)
set x `expr "X\$ans" : "X!(.*)" \$`\`
shift
sh 1>&4 -c "\$*"
echo " "
$myecho
;;
"\$ans")

```



```

case "\$ans" in
?X:
?X: Answers starting with & are hooks allowing to dynamically turn on/off
?X: some Configure options. That's for the future. -- RAM, 09/01/95
?X: Today, we only recognize '& -d' to mean 'go on as if Configure -d, which
?X: is a hardwired behaviour compatible with our general scheme.
?X:
\\&*)
set x `expr "X\$ans" : "X&(.*)\$"`
shift
case "\$1" in
-d)
fastread=yes
echo "(OK, I'll run with -d after this question.)" >&4
;;
-*)
echo "*** Sorry, \$1 not supported yet." >&4
;;
esac
$myecho
ans=!
;;
esac;;
*)
case "\$aok" in
y)
echo "*** Substitution done -- please confirm."
xxxm="\$ans"
ans=`echo $n "\$ans$c" | tr '$trnl' '\`
xxxm="\$ans"
ans=!
;;
*)
echo "*** Error -- try again."
ans=!
;;
esac
$myecho
;;
esac
?X: Stick in myread if no default answer and nothing was answered
case "\$ans\$xxxm\$nostick" in
")
ans=!
$myecho
;;
esac
done

```

```
case "$ans" in
") ans="\$xxxm";;
esac
EOSC
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Myread.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: perlpath.U,v \$

?RCS: Revision 3.0.1.2 1995/09/25 09:17:04 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.1 1995/01/11 15:33:53 ram

?RCS: patch45: can now use Loc variables since path stripping is deferred

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:32 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: The purpose of this unit is to locate perl good enough to construct a #!

?X:

?MAKE:perlpath: Getfile Oldconfig Loc perl

?MAKE: -pick add \$@ %<

?Y:TOP

?S:perlpath:

?S: This variable contains the eventual value of the PERLPATH symbol,

?S: which contains the absolute location of the perl interpreter.

?S:.

?C:PERLPATH:

?C: This symbol contains the absolute location of the perl interpreter.

?C:.

?H:#define PERLPATH "\$perlpath" /\*\*/

?H:.

: determine perl absolute location

case "\$perlpath" in

")

```

if test -f /usr/bin/perl; then
  dflt=/usr/bin/perl
else
  case "$perl" in
    */*) dflt="$perl";;
    *) dflt=/usr/bin/perl;;
  esac
fi
;;
*) dflt="$perlpath"
;;
esac
echo " "
fn=f~/
rp="Where is perl located on your system?"
./getfile
perlpath="$ans"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/perlpath.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_crypt.U,v \$

?RCS:

?RCS: Copyright (c) 2002 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_crypt: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_crypt:

?S: This variable conditionally defines the I\_CRYPT symbol, and indicates

?S: whether a C program should include <crypt.h>.

?S:.

?C:I\_CRYPT:

?C: This symbol, if defined, indicates that <crypt.h> exists and

?C: should be included.

?C:.

?H:#\$i\_crypt I\_CRYPT /\*\*/

?H:.

?LINT:set i\_crypt

: see if this is a crypt.h system

set crypt.h i\_crypt

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_crypt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_fd\_set.U,v 3.0.1.3 1997/02/28 15:33:16 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d\_fd\_set.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:33:16 ram

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.2 1994/06/20 06:57:23 ram

?RCS: patch30: extended scope for fd\_set checks (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/01/24 14:06:27 ram

?RCS: patch16: comments for HAS\_FD\_\* symbols were not consistent

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:02 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_fd\_set d\_fd\_macros d\_fds\_bits: Compile cat rm\_try Oldconfig \  
d\_socket i\_systime i\_sysselect i\_stdlib run

?MAKE: -pick add \$@ %<

?S:d\_fd\_set:

?S: This variable contains the eventual value of the HAS\_FD\_SET symbol,

?S: which indicates if your C compiler knows about the fd\_set typedef.

?S:.

?S:d\_fd\_macros:

?S: This variable contains the eventual value of the HAS\_FD\_MACROS symbol,

?S: which indicates if your C compiler knows about the macros which

?S: manipulate an fd\_set.

?S:.

?S:d\_fds\_bits:

?S: This variable contains the eventual value of the HAS\_FDS\_BITS symbol,

?S: which indicates if your fd\_set typedef contains the fds\_bits member.

?S: If you have an fd\_set typedef, but the dweebs who installed it did

?S: a half-fast job and neglected to provide the macros to manipulate

?S: an fd\_set, HAS\_FDS\_BITS will let us know how to fix the gaffe.

?S:.

?C:HAS\_FD\_SET:

?C: This symbol, when defined, indicates presence of the fd\_set typedef

```

?C: in <sys/types.h>
?C:.
?C:HAS_FD_MACROS:
?C: This symbol, when defined, indicates presence of the macros used to
?C: manipulate an fd_set.
?C:.
?C:HAS_FDS_BITS:
?C: This symbol, when defined, indicates presence of the fds_bits member in
?C: fd_set. This knowledge is useful if fd_set is available but the macros
?C: aren't.
?C:.
?H:#$d_fd_set HAS_FD_SET /**/
?H:#$d_fd_macros HAS_FD_MACROS /**/
?H:#$d_fds_bits HAS_FDS_BITS /**/
?H:.
?F:!try
: check for fd_set items
$cat <<EOM

```

Checking to see how well your C compiler handles fd\_set and friends ...  
EOM

```

?X: The FD_SET macros can be in strange places. On some SysV-based
?X: systems, they are in <sys/bsdtypes.h>, which is included (perhaps)
?X: by <sys/socket.h>. We won't force people to include
?X: <sys/bsdtypes.h> because it might introduce other
?X: incompatibilities.
$cat >try.c <<EOCP
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#$i_systime I_SYS_TIME
#$i_sysselect I_SYS_SELECT
#$d_socket HAS_SOCKET
#include <sys/types.h>
#ifdef HAS_SOCKET
#include <sys/socket.h> /* Might include <sys/bsdtypes.h> */
#endif
#ifdef I_SYS_TIME
#include <sys/time.h>
#endif
#ifdef I_SYS_SELECT
#include <sys/select.h>
#endif
int main() {
    fd_set fds;

#ifdef TRYBITS

```

```

if(fds.fds_bits);
#endif

#if defined(FD_SET) && defined(FD_CLR) && defined(FD_ISSET) && defined(FD_ZERO)
    exit(0);
#else
    exit(1);
#endif
}
EOCP
set try -DTRYBITS
if eval $compile; then
    d_fds_bits="$define"
    d_fd_set="$define"
    echo "Well, your system knows about the normal fd_set typedef..." >&4
    if $run ./try; then
        echo "and you have the normal fd_set macros (just as I'd expect)." >&4
        d_fd_macros="$define"
    else
        $cat >&4 <<'EOM'
but not the normal fd_set macros! Gaaack! I'll have to cover for you.
EOM
        d_fd_macros="$undef"
    fi
else
    $cat <<'EOM'
Hmm, your compiler has some difficulty with fd_set. Checking further...
EOM
set try
if eval $compile; then
    d_fds_bits="$undef"
    d_fd_set="$define"
    echo "Well, your system has some sort of fd_set available..." >&4
    if $run ./try; then
        echo "and you have the normal fd_set macros." >&4
        d_fd_macros="$define"
    else
        $cat <<'EOM'
but not the normal fd_set macros! Gross! More work for me...
EOM
        d_fd_macros="$undef"
    fi
else
    echo "Well, you got zip. That's OK, I can roll my own fd_set stuff." >&4
    d_fd_set="$undef"
    d_fds_bits="$undef"
    d_fd_macros="$undef"
fi

```

fi

\$rm\_try

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_fd\_set.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setgrent\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_setgrent\_r setgrent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_grp extern\_C

?MAKE: -pick add \$@ %<

?S:d\_setgrent\_r:

?S: This variable conditionally defines the HAS\_SETGRENT\_R symbol,

?S: which indicates to the C program that the setgrent\_r()

?S: routine is available.

?S:.

?S:setgrent\_r\_proto:

?S: This variable encodes the prototype of setgrent\_r.

?S: It is zero if d\_setgrent\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_setgrent\_r

?S: is defined.

?S:.

?C:HAS\_SETGRENT\_R:

?C: This symbol, if defined, indicates that the setgrent\_r routine

?C: is available to setgrent re-entrantly.

?C:.

?C:SETGRENT\_R\_PROTO:

?C: This symbol encodes the prototype of setgrent\_r.

?C: It is zero if d\_setgrent\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_setgrent\_r

?C: is defined.

?C:.

?H:#\$d\_setgrent\_r HAS\_SETGRENT\_R /\*\*/

?H:#define SETGRENT\_R\_PROTO \$setgrent\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_setgrent\_r\_proto

: see if setgrent\_r exists

set setgrent\_r d\_setgrent\_r

eval \$inlibc

case "\$d\_setgrent\_r" in

```

"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"
case "$d_setgrent_r_proto:$usethreads" in
":define") d_setgrent_r_proto=define
set d_setgrent_r_proto setgrent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_setgrent_r_proto" in
define)
case "$setgrent_r_proto" in
"|0) try='int setgrent_r(FILE**);'
./prochck "$extern_C $try" $hdrs && setgrent_r_proto=I_H ;;
esac
case "$setgrent_r_proto" in
"|0) try='void setgrent_r(FILE**);'
./prochck "$extern_C $try" $hdrs && setgrent_r_proto=V_H ;;
esac
case "$setgrent_r_proto" in
"|0) d_setgrent_r=undef
setgrent_r_proto=0
echo "Disabling setgrent_r, cannot determine prototype." >&4 ;;
* ) case "$setgrent_r_proto" in
REENTRANT_PROTO*) ;;
*) setgrent_r_proto="REENTRANT_PROTO_$setgrent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "setgrent_r has no prototype, not using it." >&4 ;;
esac
d_setgrent_r=undef
setgrent_r_proto=0
;;
esac
;;
*) setgrent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setgrent_r.U

```

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?RCS: License or the Artistic License, as specified in the README file.



?RCS:  
?MAKE:d\_remquo: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_remquo:  
?S: This variable conditionally defines the HAS\_REMQUO symbol, which  
?S: indicates to the C program that the remquo() routine is available.  
?S:.  
?C:HAS\_REMQUO:  
?C: This symbol, if defined, indicates that the remquo routine is  
?C: available to return the remainder and part of quotient.  
?C:.  
?H:#\$d\_remquo HAS\_REMQUO /\*\*/  
?H:.  
?LINT:set d\_remquo  
: see if remquo exists  
set remquo d\_remquo  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_remquo.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_shmget.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
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?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_shmget.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:20 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_shmget: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_shmget:  
?S: This variable conditionally defines the HAS\_SHMGET symbol, which  
?S: indicates to the C program that the shmget() routine is available.  
?S:.  
?C:HAS\_SHMGET:  
?C: This symbol, if defined, indicates that the shmget() routine is  
?C: available to request a shared memory segment from the kernel.  
?C:.  
?H:#\$d\_shmget HAS\_SHMGET /\*\*/

?H:  
?LINT:set d\_shmget  
: see if shmget exists  
set shmget d\_shmget  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_shmget.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_killpg.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_killpg.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:27 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_killpg: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_killpg:

?S: This variable conditionally defines the HAS\_KILLPG symbol, which

?S: indicates to the C program that the killpg() routine is available

?S: to kill process groups.

?S:.

?C:HAS\_KILLPG (KILLPG):

?C: This symbol, if defined, indicates that the killpg routine is available

?C: to kill process groups. If unavailable, you probably should use kill

?C: with a negative process number.

?C:.

?H:#\$d\_killpg HAS\_KILLPG /\*\*/

?H:.

?LINT:set d\_killpg

: see if killpg exists

set killpg d\_killpg

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_killpg.U

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d\_mkostemp: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_mkostemp:

?S: This variable conditionally defines HAS\_MKOSTEMP if mkostemp() is

?S: available to exclusively create and open a uniquely named (with a

?S: suffix) temporary file.

?S:.

?C:HAS\_MKOSTEMP:

?C: This symbol, if defined, indicates that the mkostemp routine is

?C: available to exclusively create and open a uniquely named (with a

?C: suffix) temporary file.

?C:.

?H:#\$d\_mkostemp HAS\_MKOSTEMP /\*\*/

?H:.

?LINT:set d\_mkostemp

: see if mkostemp exists

set mkostemp d\_mkostemp

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_mkostemp.U

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?RCS:

?MAKE:d\_erfc: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_erfc:

?S: This variable conditionally defines the HAS\_ERFC symbol, which

?S: indicates to the C program that the erfc() routine is available.

?S:.

?C:HAS\_ERFC:

?C: This symbol, if defined, indicates that the erfc routine is

?C: available to do the complementary error function.

?C:.

?H:#\$d\_erfc HAS\_ERFC /\*\*/

```
?H:
?LINT:set d_erfc
: see if erfc exists
set erfc d_erfc
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_erfc.U
```

No license file was found, but licenses were detected in source scan.

```
/*
* $Id: scandir.C,v 3.0.1.1 1994/01/24 13:58:45 ram Exp ram $
*
* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
* You may redistribute only under the terms of the Artistic Licence,
* as specified in the README file that comes with the distribution.
* You may reuse parts of this distribution only within the terms of
* that same Artistic Licence; a copy of which may be found at the root
* of the source tree for dist 4.0.
*
* $Log: scandir.C,v $
* Revision 3.0.1.1 1994/01/24 13:58:45 ram
* patch16: created
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/scandir.C
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_vfork.U,v $
?RCS: Revision 3.0.1.6 1994/08/29 16:18:21 ram
?RCS: patch32: set default to 'y' the first time
?RCS:
?RCS: Revision 3.0.1.5 1994/06/20 06:59:14 ram
```

?RCS: patch30: usevfork was not always properly set

?RCS:

?RCS: Revision 3.0.1.4 1994/05/13 15:20:56 ram

?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)

?RCS:

?RCS: Revision 3.0.1.3 1994/05/06 14:59:09 ram

?RCS: patch23: now explicitly ask whether vfork() should be used (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1993/10/16 13:49:39 ram

?RCS: patch12: added magic for vfork()

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 16:06:57 ram

?RCS: patch10: removed automatic remapping of vfork on fork (WAD)

?RCS: patch10: added compatibility code for older config.sh (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:55 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_vfork usevfork: Inlibc Myread Oldconfig Setvar

?MAKE: -pick add \$@ %<

?S:d\_vfork:

?S: This variable conditionally defines the HAS\_VFORK symbol, which

?S: indicates the vfork() routine is available.

?S:.

?S:usevfork:

?S: This variable is set to true when the user accepts to use vfork.

?S: It is set to false when no vfork is available or when the user

?S: explicitly requests not to use vfork.

?S:.

?C:HAS\_VFORK (VFORK):

?C: This symbol, if defined, indicates that vfork() exists.

?C:.

?H:#\$d\_vfork HAS\_VFORK /\*\*/

?H:.

?M:vfork: HAS\_VFORK

?M:#ifndef HAS\_VFORK

?M:#define vfork fork

?M:#endif

?M:.

?LINT:set d\_vfork

: see if there is a vfork

val="

set vfork val

eval \$inlibc

: Ok, but do we want to use it. vfork is reportedly unreliable in

: perl on Solaris 2.x, and probably elsewhere.

case "\$val" in

```

$define)
echo " "
case "$usevfork" in
false) dflt='n';;
*) dflt='y';;
esac
rp="Some systems have problems with vfork(). Do you want to use it?"
. ./myread
case "$ans" in
y|Y) ;;
*)
echo "Ok, we won't use vfork()."
val="$undef"
;;
esac
;;
esac
;;
esac
?X:
?X: Only set it when final value is known to avoid spurious Whoas
?X: Then set usevfork accordingly to the current value, for next run
?X:
set d_vfork
eval $setvar
case "$d_vfork" in
$define) usevfork='true';;
*) usevfork='false';;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_vfork.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_castneg.U,v \$

?RCS: Revision 3.0.1.2 1995/05/12 12:11:21 ram

?RCS: patch54: made sure cc and cflags are conditional dependencies

?RCS: patch54: added improved test case for Interactive Unix

?RCS:

```

?RCS: Revision 3.0.1.1 1994/10/29 16:10:50 ram
?RCS: patch36: don't forget to tell user about compilation failures (ADO)
?RCS: patch36: declare signal handler correctly using 'signal_t' (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:47 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Can the compiler cast negative / odd floats to unsigned values.
?X:
?MAKE:d_castneg castflags: cat +cc +ccflags rm_try Setvar signal_t
?MAKE: -pick add $@ %<
?S:d_castneg:
?S: This variable conditionally defines CASTNEG, which indicates
?S: wether the C compiler can cast negative float to unsigned.
?S:.
?S:castflags:
?S: This variable contains a flag that precise difficulties the
?S: compiler has casting odd floating values to unsigned long:
?S: 0 = ok
?S: 1 = couldn't cast < 0
?S: 2 = couldn't cast >= 0x80000000
?S: 4 = couldn't cast in argument expression list
?S:.
?C:CASTNEGFLOAT:
?C: This symbol is defined if the C compiler can cast negative
?C: numbers to unsigned longs, ints and shorts.
?C:.
?C:CASTFLAGS:
?C: This symbol contains flags that say what difficulties the compiler
?C: has casting odd floating values to unsigned long:
?C: 0 = ok
?C: 1 = couldn't cast < 0
?C: 2 = couldn't cast >= 0x80000000
?C: 4 = couldn't cast in argument expression list
?C:.
?H:#$d_castneg CASTNEGFLOAT /**/
?H:#define CASTFLAGS $castflags /**/
?H:.
?F:!try
?LINT:set d_castneg
: check for ability to cast negative floats to unsigned
echo " "
echo 'Checking whether your C compiler can cast negative float to unsigned.' >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <signal.h>
$signal_t blech() { exit(7); }

```

```

$signal_t blech_in_list() { exit(4); }
unsigned long dummy_long(p) unsigned long p; { return p; }
unsigned int dummy_int(p) unsigned int p; { return p; }
unsigned short dummy_short(p) unsigned short p; { return p; }
int main()
{
double f = -123.;
unsigned long along;
unsigned int aint;
unsigned short ashort;
int result = 0;

signal(SIGFPE, blech);
along = (unsigned long)f;
aint = (unsigned int)f;
ashort = (unsigned short)f;
if (along != (unsigned long)-123)
result |= 1;
if (aint != (unsigned int)-123)
result |= 1;
if (ashort != (unsigned short)-123)
result |= 1;
f = (double)0x40000000;
f = f + f;
along = 0;
along = (unsigned long)f;
if (along != 0x80000000)
result |= 2;
f -= 1.;
along = 0;
along = (unsigned long)f;
if (along != 0x7fffffff)
result |= 1;
f += 2.;
along = 0;
along = (unsigned long)f;
if (along != 0x80000001)
result |= 2;
if (result)
exit(result);
?X:
?X: The following is a test for Interactive Unix Version 4.1, which
?X: has an 'improved' compiler which can correctly cast negative
?X: floats in expression lists, but apparently not in argument lists.
?X: Contributed by Winfried Koenig <win@incom.rhein-main.de>
?X:
signal(SIGFPE, blech_in_list);
f = 123.;

```



```

along = dummy_long((unsigned long)f);
aint = dummy_int((unsigned int)f);
ashort = dummy_short((unsigned short)f);
if (along != (unsigned long)123)
    result |= 4;
if (aint != (unsigned int)123)
    result |= 4;
if (ashort != (unsigned short)123)
    result |= 4;
exit(result);

}
EOCP
if $cc $ccflags -o try try.c >/dev/null 2>&1; then
    ./try
    castflags=$?
else
    echo "(I can't seem to compile the test program--assuming it can't)"
    castflags=7
fi
case "$castflags" in
0) val="$define"
    echo "Yup, it can."
    ;;
*) val="$undef"
    echo "Nope, it can't."
    ;;
esac
set d_castneg
eval $setvar
$rm_try

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_castneg.U

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\* Feel free to modify any of this as the need arises.&nbsp;&nbsp; Note, however,

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/metaconfig.html

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: modetype.U,v 3.0.1.1 1994/10/29 16:25:07 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: modetype.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/29 16:25:07 ram  
?RCS: patch36: created by ADO  
?RCS:  
?MAKE:modetype: Myread Typedef  
?MAKE: -pick add \$@ %<  
?S:modetype:  
?S: This variable defines modetype to be something like mode\_t,  
?S: int, unsigned short, or whatever type is used to declare file  
?S: modes for system calls.  
?S:.  
?C:Mode\_t:  
?C: This symbol holds the type used to declare file modes  
?C: for systems calls. It is usually mode\_t, but may be  
?C: int or unsigned short. It may be necessary to include <sys/types.h>  
?C: to get any typedef'ed information.  
?C:.  
?H:#define Mode\_t \$modetype /\* file mode parameter for system calls \*/  
?H:.  
?LINT:set modetype  
: see what type is used for mode\_t  
rp="What is the type used for file modes for system calls (e.g. fchmod())?"  
set mode\_t modetype int stdio.h sys/types.h  
eval \$typedef\_ask

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/modetype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 2003 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_aintl: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_aintl:

?S: This variable conditionally defines the HAS\_AINTL symbol, which

?S: indicates to the C program that the aintl() routine is available.

?S: If copysignl is also present we can emulate modfl.

?S:.

?C:HAS\_AINTL:

?C: This symbol, if defined, indicates that the aintl routine is

?C: available. If copysignl is also present we can emulate modfl.

?C:.

?H:#\$d\_aintl HAS\_AINTL /\*\*/

?H:.

?LINT:set d\_aintl

: see if aintl exists

set aintl d\_aintl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_aintl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getpwnam\_r.U,v ORCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_getpwnam\_r getpwnam\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_pwd extern\_C

?MAKE:-pick add \$@ %<

?S:d\_getpwnam\_r:

?S: This variable conditionally defines the HAS\_GETPWNAM\_R symbol,

?S: which indicates to the C program that the getpwnam\_r()

?S: routine is available.

?S:.

?S:getpwnam\_r\_proto:

?S: This variable encodes the prototype of getpwnam\_r.

?S: It is zero if d\_getpwnam\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getpwnam\_r

?S: is defined.

?S:.

?C:HAS\_GETPWNAM\_R:

?C: This symbol, if defined, indicates that the getpwnam\_r routine

?C: is available to getpwnam re-entrantly.

?C:.

?C:GETPWNAM\_R\_PROTO:

?C: This symbol encodes the prototype of getpwnam\_r.

```

?C: It is zero if d_getpwnam_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwnam_r
?C: is defined.
?C:.
?H:#$d_getpwnam_r HAS_GETPWNAM_R /**/
?H:#define GETPWNAM_R_PROTO $getpwnam_r_proto /**/
?H:.
?T:try hdrs d_getpwnam_r_proto
: see if getpwnam_r exists
set getpwnam_r d_getpwnam_r
eval $inlibc
case "$d_getpwnam_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
case "$d_getpwnam_r_proto:$usethreads" in
":define") d_getpwnam_r_proto=define
set d_getpwnam_r_proto getpwnam_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getpwnam_r_proto" in
define)
case "$getpwnam_r_proto" in
"|0) try='int getpwnam_r(const char*, struct passwd*, char*, size_t, struct passwd**);'
./prochck "$extern_C $try" $hdrs && getpwnam_r_proto=I_CSBWR ;;
esac
case "$getpwnam_r_proto" in
"|0) try='int getpwnam_r(const char*, struct passwd*, char*, int, struct passwd**);'
./prochck "$extern_C $try" $hdrs && getpwnam_r_proto=I_CSBIR ;;
esac
case "$getpwnam_r_proto" in
"|0) try='struct passwd* getpwnam_r(const char*, struct passwd*, char*, int);'
./prochck "$extern_C $try" $hdrs && getpwnam_r_proto=S_CSBI ;;
esac
case "$getpwnam_r_proto" in
"|0) try='int getpwnam_r(const char*, struct passwd*, char*, int);'
./prochck "$extern_C $try" $hdrs && getpwnam_r_proto=I_CSBI ;;
esac
case "$getpwnam_r_proto" in
"|0) d_getpwnam_r=undef
getpwnam_r_proto=0
echo "Disabling getpwnam_r, cannot determine prototype." >&4 ;;
*) case "$getpwnam_r_proto" in
REENTRANT_PROTO*) ;;
*) getpwnam_r_proto="REENTRANT_PROTO_$getpwnam_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac

```

```

;;
*) case "$susetthreads" in
define) echo "getpwnam_r has no prototype, not using it." >&4 ;;
esac
d_getpwnam_r=undef
getpwnam_r_proto=0
;;
esac
;;
*) getpwnam_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getpwnam_r.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_mktime.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_mktime.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:09:44 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_mktime: Inlibc
?MAKE: -pick add $@ %<
?S:d_mktime:
?S: This variable conditionally defines the HAS_MKTIME symbol, which
?S: indicates to the C program that the mktime() routine is available.
?S:.
?C:HAS_MKTIME :
?C: This symbol, if defined, indicates that the mktime routine is
?C: available.
?C:.
?H:#$d_mktime HAS_MKTIME /**/
?H:.
?LINT:set d_mktime
: see if mktime exists

```

```
set mkttime d_mkttime
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mkttime.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_flexfnam.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_flexfnam.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:04 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_flexfnam: cat rm test Setvar
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_flexfnam:
```

```
?S: This variable conditionally defines the FLEXFILENAMES symbol, which
```

```
?S: indicates that the system supports filenames longer than 14 characters.
```

```
?S:.
```

```
?C:FLEXFILENAMES:
```

```
?C: This symbol, if defined, indicates that the system supports filenames
```

```
?C: longer than 14 characters.
```

```
?C:.
```

```
?H:#$d_flexfnam FLEXFILENAMES /**/
```

```
?H:.
```

```
?T:first
```

```
?LINT:set d_flexfnam
```

```
: see if we can have long filenames
```

```
echo " "
```

```
?X:
```

```
?X: We have to test in both /tmp and . because of NFS (remote server may allow
```

```
?X: long filenames while the local filesystem cannot support them). If at least
```

```
?X: one of those file systems cannot support long filenames, then we assume the
```

```
?X: whole system can't.
```

```
?X:
```

```
first=123456789abcdef
```

```
$rm -f $first
```

```
if (echo hi >$first) 2>/dev/null; then
```

```
if $test -f 123456789abcde; then
```

```

echo 'You cannot have filenames longer than 14 characters. Sigh.'>&4
val="$undef"
else
echo 'You can have filenames longer than 14 characters.'>&4
val="$define"
fi
else
$cat <<'EOM'
You can't have filenames longer than 14 chars.
You can't even think about them!
EOM
val="$undef"
fi
set d_flexfnam
eval $setvar
$rm -rf 123456789abcde*

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_flexfnam.U

```

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?RCS: You may distribute under the terms of either the GNU General Public

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?RCS:

?MAKE:d\_memrchr: Inlibc Hasproto d\_gnulibc

?MAKE: -pick add \$@ %<

?S:d\_memrchr:

?S: This variable conditionally defines the HAS\_MEMRCHR symbol, which

?S: indicates to the C program that the memrchr() routine is available

?S: to return a pointer to the last occurrence of a byte in a memory

?S: area (or NULL if not found).

?S:.

?C:HAS\_MEMRCHR:

?C: This symbol, if defined, indicates that the memrchr routine is

?C: available to return a pointer to the last occurrence of a byte in

?C: a memory area (or NULL if not found).

?C:.

?H:#\$d\_memrchr HAS\_MEMRCHR /\*\*/

?H:.

?T:d\_memrchr\_proto xx1 xx2 xx3 xx4

?LINT:set d\_memrchr

: see if memrchr exists

: We need both a prototype in string.h and the symbol in libc.

echo " "

d\_memrchr\_proto="

xx1="#\$d\_gnulibc HAS\_GNULIBC"

xx2='#if defined(HAS\_GNULIBC) && !defined(\_GNU\_SOURCE)'

```

xx3='# define _GNU_SOURCE'
xx4='#endif'
set d_memrchr_proto memrchr literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto
case "$d_memrchr_proto" in
  define) # see if memrchr exists
    set memrchr d_memrchr
    eval $inlibc
    ;;
  *) val=$undef
    set d_memrchr
    eval $setvar
    ;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_memrchr.U
```

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?RCS: \$Id: d\_time.U,v 3.0.1.2 1995/07/25 14:07:43 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d\_time.U,v \$

?RCS: Revision 3.0.1.2 1995/07/25 14:07:43 ram

?RCS: patch56: typo fix, sytem -> system

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:16:38 ram

?RCS: patch36: now uses new Typedef unit to compute type information (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:45 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X: Maybe <sys/types.h> should be included?

?X:INC: i\_systypes

?MAKE:d\_time timetype: Csym Setvar Findhdr Myread Typedef

?MAKE: -pick add \$@ %<

?S:d\_time:

?S: This variable conditionally defines the HAS\_TIME symbol, which indicates

?S: that the time() routine exists. The time() routine is normally

?S: provided on UNIX systems.



?S:.

?S:timetype:

?S: This variable holds the type returned by time(). It can be long,

?S: or time\_t on BSD sites (in which case <sys/types.h> should be

?S: included). Anyway, the type Time\_t should be used.

?S:.

?C:HAS\_TIME (TIMER):

?C: This symbol, if defined, indicates that the time() routine exists.

?C:.

?C:Time\_t (TIMETYPE):

?C: This symbol holds the type returned by time(). It can be long,

?C: or time\_t on BSD sites (in which case <sys/types.h> should be

?C: included).

?C:.

?H:#\$d\_time HAS\_TIME /\*\*/

?H:#define Time\_t \$timetype /\* Time type \*/

?H:.

?LINT:set d\_time

: see if time exists

echo " "

?X: MPE/iX needs this protection of hint values.

?X: See d\_sterror.U for more explanation.

if test "\$d\_time" = X -o X"\$timetype" = X; then

if set time val -f d\_time; eval \$csym; \$val; then

echo 'time() found.' >&4

val="\$define"

rp="What is the type returned by time() on this system?"

set time\_t timetype long stdio.h sys/types.h

eval \$typedef\_ask

else

echo 'time() not found, hope that will do.' >&4

val="\$undef"

timetype='int';

fi

set d\_time

eval \$setvar

fi

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/d\_time.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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 ?RCS: of the source tree for dist 4.0.  
 ?RCS:  
 ?RCS: \$Log: d\_getpwent.U,v \$  
 ?RCS: Revision 3.0 1993/08/18 12:06:17 ram  
 ?RCS: Baseline for dist 3.0 netwide release.  
 ?RCS:  
 ?MAKE:d\_getpwent: Csym Setvar  
 ?MAKE: -pick add \$@ %<  
 ?S:d\_getpwent:  
 ?S: This variable conditionally defines the HAS\_GETPWENT symbol, which  
 ?S: indicates to the C program that it should use the getpwent()  
 ?S: routine instead of the getpw() routine.  
 ?S:.  
 ?C:HAS\_GETPWENT (GETPWENT):  
 ?C: This symbol, if defined, indicates that the getpwent() routine  
 ?C: should be used instead of the getpw() routine.  
 ?C:.  
 ?H:#\$d\_getpwent HAS\_GETPWENT /\*\*/  
 ?H:.  
 ?LINT:set d\_getpwent  
 : see if there is a getpwent  
 echo " "  
 if set getpwent val -f d\_getpwent; eval \$csym; \$val; then  
 echo "getpwent() found." >&4  
 val="\$define"  
 else  
 echo "No getpwent() found -- will use getpw() instead." >&4  
 val="\$undef"  
 fi  
 set d\_getpwent  
 eval \$setvar

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_getpwent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_endprotoent\_r.U,v 0RCS:  
 ?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi  
 ?RCS:  
 ?RCS: You may distribute under the terms of either the GNU General Public  
 ?RCS: License or the Artistic License, as specified in the README file.  
 ?RCS:  
 ?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.  
 ?RCS:

```

?MAKE:d_endprotoent_r endprotoent_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_endprotoent_r:
?S: This variable conditionally defines the HAS_ENDPROTOENT_R symbol,
?S: which indicates to the C program that the endprotoent_r()
?S: routine is available.
?S:.
?S:endprotoent_r_proto:
?S: This variable encodes the prototype of endprotoent_r.
?S: It is zero if d_endprotoent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endprotoent_r
?S: is defined.
?S:.
?C:HAS_ENDPROTOENT_R:
?C: This symbol, if defined, indicates that the endprotoent_r routine
?C: is available to endprotoent re-entrantly.
?C:.
?C:ENDPROTOENT_R_PROTO:
?C: This symbol encodes the prototype of endprotoent_r.
?C: It is zero if d_endprotoent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endprotoent_r
?C: is defined.
?C:.
?H:#$d_endprotoent_r HAS_ENDPROTOENT_R /**/
?H:#define ENDPROTOENT_R_PROTO $endprotoent_r_proto /**/
?H:.
?T:try hdrs d_endprotoent_r_proto
: see if endprotoent_r exists
set endprotoent_r d_endprotoent_r
eval $inlibc
case "$d_endprotoent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_endprotoent_r_proto:$usethreads" in
":define") d_endprotoent_r_proto=define
set d_endprotoent_r_proto endprotoent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_endprotoent_r_proto" in
define)
case "$endprotoent_r_proto" in
"|0) try='int endprotoent_r(struct protoent_data*);'
./protochk "$extern_C $try" $hdrs && endprotoent_r_proto=I_D ;;
esac
case "$endprotoent_r_proto" in
"|0) try='void endprotoent_r(struct protoent_data*);'

```

```

./prochck "$extern_C $try" $hdrs && endprotoent_r_proto=V_D ;;
esac
case "$endprotoent_r_proto" in
"|0) d_endprotoent_r=undef
endprotoent_r_proto=0
echo "Disabling endprotoent_r, cannot determine prototype." >&4 ;;
*) case "$endprotoent_r_proto" in
REENTRANT_PROTO*) ;;
*) endprotoent_r_proto="REENTRANT_PROTO_$endprotoent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "endprotoent_r has no prototype, not using it." >&4 ;;
esac
d_endprotoent_r=undef
endprotoent_r_proto=0
;;
esac
;;
*) endprotoent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endprotoent_r.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_itimer.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_itimer.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:25 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_itimer: Inlibc
?MAKE: -pick add $@ %<
?S:d_itimer:
?S: This variable conditionally defines the HAS_ITIMER symbol, which

```

?S: indicates that the setitimer() routine exists. The setitimer()  
?S: routine supports sub-second accuracy for one real-time and two  
?S: cpu clocks.  
?S:.  
?C:HAS\_ITIMER (ITIMER):  
?C: This symbol, if defined, indicates that the setitimer() routine exists.  
?C:.  
?H:#\$d\_itimer HAS\_ITIMER /\*\*/  
?H:.  
?LINT:set d\_itimer  
: see if setitimer exists  
set setitimer d\_itimer  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_itimer.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 2001, Jarkko Hietaniemi  
?RCS:  
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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?MAKE:d\_sigprocmask: Inlibc  
?MAKE:-pick add \$@ %<  
?S:d\_sigprocmask:  
?S: This variable conditionally defines HAS\_SIGPROCMAK  
?S: if sigprocmask() is available to examine or change the signal mask  
?S: of the calling process.  
?S:.  
?C:HAS\_SIGPROCMAK:  
?C: This symbol, if defined, indicates that the sigprocmask  
?C: system call is available to examine or change the signal mask  
?C: of the calling process.  
?C:.  
?H:#\$d\_sigprocmask HAS\_SIGPROCMAK /\*\*/  
?H:.  
?LINT:set d\_sigprocmask  
: see if sigprocmask exists  
set sigprocmask d\_sigprocmask  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_sigprocmask.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_sitecustomize.U,v \$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: d\_sitecustomize.U,v \$

?RCS:

?MAKE:usesitecustomize: Oldconfig Setvar

?MAKE: -pick add \$@ %<

?S:usesitecustomize:

?S: This variable is set to true when the user requires a mechanism that

?S: allows the sysadmin to add entries to @INC at runtime. This variable

?S: being set, makes perl run '\$sitelib/sitecustomize.pl' at startup.

?S:.

?C:USE\_SITECUSTOMIZE:

?C: This symbol, if defined, indicates that sitecustomize should

?C: be used.

?C:.

?H:?%<:@if USE\_SITECUSTOMIZE

?H:?%<:#ifndef USE\_SITECUSTOMIZE

?H:?%<:#\$usesitecustomize USE\_SITECUSTOMIZE /\*\*/

?H:?%<:#endif

?H:?%<:@end

?H:.

: Check if site customization support was requested

case "\$usesitecustomize" in

  \$define|true|[Yy]\*)

  usesitecustomize="\$define"

;;

  \*)

  usesitecustomize="\$undef"

;;

  esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_sitecustomize.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_dlopen.U,v 3.0.1.2 1995/07/25 13:52:56 ram Exp \$

?RCS:

```

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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_dlopen.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 13:52:56 ram
?RCS: patch56: force compile-link test since symbol might lie in crt0.o (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:07:34 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_dlopen: Inlibc runnm d_cplusplus ccflags gccversion
?MAKE: -pick add $@ %<
?S:d_dlopen:
?S: This variable conditionally defines the HAS_DLOPEN symbol, which
?S: indicates to the C program that the dlopen() routine is available.
?S:
?C:HAS_DLOPEN :
?C: This symbol, if defined, indicates that the dlopen routine is
?C: available.
?C:
?H:#$d_dlopen HAS_DLOPEN /**/
?H:
?T: xxx_runnm
?T: xxx_ccflags
?LINT:set d_dlopen
?X: We don't permanently change runnm and ccflags, but we do temporarily.
?LINT: change runnm
?LINT: change ccflags
: see if dlopen exists
?X: On NetBSD and FreeBSD, dlopen is available, but it is in
?X: /usr/lib/crt0.o, not in any of the libraries. Therefore, do not
?X: use the nm extraction, but use a real compile and link test instead.
xxx_runnm="$runnm"
xxx_ccflags="$ccflags"
runnm=false
: with g++ one needs -shared to get is-in-libc to work for dlopen
case "$gccversion" in
") ;;
*Clang*) ;;
*) case "$d_cplusplus" in
"$define") ccflags="$ccflags -shared" ;;

```

```
esac
;;
esac
set dlopen d_dlopen
eval $inlibc
runnm="$xxx_runnm"
ccflags="$xxx_ccflags"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dlopen.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_whoami.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_whoami.U,v \$

?RCS: Revision 3.0.1.1 1993/08/25 14:02:21 ram

?RCS: patch6: added default for i\_whoami

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:50 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_whoami: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_whoami (d\_whoami):

?S: This variable conditionally defines the I\_WHOAMI symbol, which

?S: indicates to the C program that it should include <whoami.h>.

?S:.

?C:I\_WHOAMI (WHOAMI):

?C: This symbol, if defined, indicates that the program may include

?C: <whoami.h>.

?C:.

?H:#\$i\_whoami I\_WHOAMI /\*\*/

?H:.

?D:i\_whoami="

?LINT:set i\_whoami

: see if there is a whoami.h file

set whoami.h i\_whoami

eval \$inhdr



Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_whoami.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: n.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: n.U,v \$

?RCS: Revision 3.0 1993/08/18 12:09:19 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:n c: contains

?MAKE: -pick add \$@ %<

?S:n:

?S: This variable contains the -n flag if that is what causes the echo

?S: command to suppress newline. Otherwise it is null. Correct usage is

?S: \$echo \$n "prompt for a question: \$c".

?S:.

?S:c:

?S: This variable contains the \c string if that is what causes the echo

?S: command to suppress newline. Otherwise it is null. Correct usage is

?S: \$echo \$n "prompt for a question: \$c".

?S:.

: first determine how to suppress newline on echo command

echo " "

echo "Checking echo to see how to suppress newlines..."

(echo "hi there\c" ; echo " ") >.echotmp

if \$contains c .echotmp >/dev/null 2>&1 ; then

echo "...using -n."

n='-n'

c=""

else

cat <<'EOM'

...using \c

EOM

n=""

c='\c'

fi

echo \$n "The star should be here-->\$c"

echo '\*'

```
rm -f .echoTMP
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/n.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pwritev.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: as specified in the README file that comes with the distribution.
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_pwritev.U,v $
```

```
?RCS:
```

```
?MAKE:d_pwritev: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_pwritev:
```

```
?S: This variable conditionally defines the HAS_PWRITEV symbol, which
```

```
?S: indicates to the C program that the pwritev() routine is available.
```

```
?S:.
```

```
?C:HAS_PWRITEV :
```

```
?C: This symbol, if defined, indicates that the pwritev routine is
```

```
?C: available to perform vectored writes on a file descriptor at a
```

```
?C: given offset.
```

```
?C:.
```

```
?H:#$d_pwritev HAS_PWRITEV /**/
```

```
?H:.
```

```
?LINT:set d_pwritev
```

```
: see if pwritev exists
```

```
set pwritev d_pwritev
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pwritev.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sjis2jis.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_sjis2jis.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:25 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_sjis2jis: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_sjis2jis:  
?S: This variable conditionally defines the HAS\_SJIS2JIS symbol, which  
?S: indicates to the C program that the sjis2jis() routine is available  
?S: to convert SJIS to JIS.  
?S:.  
?C:HAS\_SJIS2JIS:  
?C: This symbol, if defined, indicates that the sjis2jis routine is  
?C: available to convert SJIS to JIS.  
?C:.  
?H:#\$d\_sjis2jis HAS\_SJIS2JIS /\*\*/  
?H:.  
?LINT:set d\_sjis2jis  
: see if sjis2jis exists  
set sjis2jis d\_sjis2jis  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_sjis2jis.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_pathconf.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_pathconf.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/29 16:14:54 ram  
?RCS: patch36: created by ADO  
?RCS:  
?MAKE:d\_pathconf d\_fpathconf: Inlibc

```

?MAKE: -pick add $@ %<
?S:d_pathconf:
?S: This variable conditionally defines the HAS_PATHCONF symbol, which
?S: indicates to the C program that the pathconf() routine is available
?S: to determine file-system related limits and options associated
?S: with a given filename.
?S:.
?S:d_fpathconf:
?S: This variable conditionally defines the HAS_FPATHCONF symbol, which
?S: indicates to the C program that the pathconf() routine is available
?S: to determine file-system related limits and options associated
?S: with a given open file descriptor.
?S:.
?C:HAS_PATHCONF:
?C: This symbol, if defined, indicates that pathconf() is available
?C: to determine file-system related limits and options associated
?C: with a given filename.
?C:.
?C:HAS_FPATHCONF:
?C: This symbol, if defined, indicates that pathconf() is available
?C: to determine file-system related limits and options associated
?C: with a given open file descriptor.
?C:.
?H:#$d_pathconf HAS_PATHCONF /**/
?H:#$d_fpathconf HAS_FPATHCONF /**/
?H:.
?LINT:set d_pathconf
?LINT:set d_fpathconf
: see if pathconf exists
set pathconf d_pathconf
eval $inlibc

@if d_fpathconf || HAS_FPATHCONF
: see if fpathconf exists
set fpathconf d_fpathconf
eval $inlibc

@end

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pathconf.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setnent.U,v 3.0 1993/08/18 12:06:09 ram Exp $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

```

```

?RCS:

```

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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: d\_setnent.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:09 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_setnent: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_setnent:  
?S: This variable conditionally defines HAS\_SETNETENT if setnent() is  
?S: available.  
?S:.  
?C:HAS\_SETNETENT:  
?C: This symbol, if defined, indicates that the setnent() routine is  
?C: available.  
?C:.  
?H:#\$d\_setnent HAS\_SETNETENT /\*\*/  
?H:.  
?LINT:set d\_setnent  
: see if setnent exists  
set setnent d\_setnent  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_setnent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getpwent.U,v \$  
?RCS:  
?RCS: Copyright (c) 1998 Andy Dougherty  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?RCS: \$Log: d\_getpwent.U,v \$  
?RCS:  
?MAKE:d\_getpwent: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_getpwent:  
?S: This variable conditionally defines the HAS\_GETPWENT symbol, which  
?S: indicates to the C program that the getpwent() routine is available  
?S: for sequential access of the passwd database.  
?S:.

?C:HAS\_GETPWENT:

?C: This symbol, if defined, indicates that the getpwent routine is

?C: available for sequential access of the passwd database.

?C: If this is not available, the older getpw() function may be available.

?C:.

?H:#\$d\_getpwent HAS\_GETPWENT /\*\*/

?H:.

?LINT:set d\_getpwent

: see if getpwent exists

set getpwent d\_getpwent

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_getpwent.U

No license file was found, but licenses were detected in source scan.

\* You may redistribute only under the terms of the Artistic Licence,

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/files/Jmake.tmpl

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_chown.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d\_chown.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:07:14 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d\_chown: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_chown:

?S: This variable conditionally defines the HAS\_CHOWN symbol, which

?S: indicates to the C program that the chown() routine is available.

?S:.

?C:HAS\_CHOWN :

?C: This symbol, if defined, indicates that the chown routine is

?C: available.  
?C:.  
?H:#\$d\_chown HAS\_CHOWN /\*\*/  
?H:.  
?LINT:set d\_chown  
: see if chown exists  
set chown d\_chown  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_chown.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setvbuf.U,v 3.0.1.1 1994/08/29 16:11:57 ram Exp \$  
?RCS:  
?RCS: Copyright (c) 1998 Andy Dougherty  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_setvbuf.U,v \$  
?RCS:  
?MAKE:d\_setvbuf: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_setvbuf:  
?S: This variable conditionally defines the HAS\_SETVBUF symbol, which  
?S: indicates to the C program that the setvbuf() routine is available  
?S: to change buffering on an open stdio stream.  
?S:.  
?C:HAS\_SETVBUF :  
?C: This symbol, if defined, indicates that the setvbuf routine is  
?C: available to change buffering on an open stdio stream.  
?C: to a line-buffered mode.  
?C:.  
?H:#\$d\_setvbuf HAS\_SETVBUF /\*\*/  
?H:.  
?LINT:set d\_setvbuf  
: see if setvbuf exists  
set setvbuf d\_setvbuf  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_setvbuf.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Protochk.U,v \$  
?RCS:  
?RCS: Copyright (c) 1998 Andy Dougherty  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?X: This unit generates a ./protochk script that is used internally  
?X: by Configure to check if this system will accept a particular  
?X: prototype.  
?X:  
?X: To use it, say something like:  
?X: hdrs="\$define sys/types.h  
?X: \$i\_system sys/time.h  
?X: \$i\_sysselect sys/select.h  
?X: \$d\_socket sys/socket.h"  
?X: \$xxx='fd\_set \*'  
?X: try='extern int select \_((int, \$xxx, \$xxx, \$xxx, struct timeval \*));'  
?X: if ./protochk "\$try" \$hdrs; then  
?X: echo "Your system accepts \$xxx for the arguments to select."  
?X: fi  
?X: (Of course select is harder, since the first arg can be int,  
?X: size\_t, or unsigned long, and the last arg may or may not have a  
?X: 'const' before the 'struct timeval' :-). Also SunOS 4.1.3 doesn't  
?X: provide a select prototype so the compiler accepts anything :-).  
?X:  
?X: The C compiler on QNX warns about invalid pointer types, but  
?X: still exits with a 0 exit status, so it's not much help here.  
?X: (It does correctly detect incorrect non-pointer arguments).  
?X: Still, since QNX is a POSIX-ish system, just make your first  
?X: a POSIX-ish one, and QNX will probably accept it.  
?X:  
?X: For determining argument types, your compiler must support  
?X: prototypes, and the header files must use them. Determining  
?X: return types, however, is easier. Just give an ridiculous  
?X: return type, something like  
?X: ./protochk 'extern int atof \_((void));' \$i\_stdlib stdlib.h  
?X: that should surely fail if atof() is defined in <stdlib.h>  
?X:  
?X: There is also an 'escape' hatch built in. If you have a pair  
?X: of args 'literal 'stuff' then 'stuff' gets included literally  
?X: into the test program. This could be useful for doing something  
?X: like  
?X: hdrs="\$define stdio.h  
?X: \$define sys/types.h"  
?X: ./protochk 'extern int fsetpos(FILE \*, Fpos\_t);' \$args \



```

?X: 'literal' '#define Fpos_t long long'
?X: but you have to be really careful about the spaces in "literal".
?X:
?X: Andy Dougherty Feb. 1998
?MAKE:Protochk: cat rm_try startsh eunicefix +cc +optimize +ccflags \
i_pthread usethreads
?MAKE: -pick add $@ %<
?F:./protochk
?X: Comfort metalint. All these are actually used in the protochk script.
?T:foo status pthread_h_done
?LINT: change cc optimize ccflags define rm_try
?LINT: extern pthread_h_first
?LINT: change pthread_h_first
?LINT: change usethreads
?LINT: change i_pthread
: define a function to check prototypes
$cat > protochk <<EOSH
$startsh
cc="$cc"
optimize="$optimize"
ccflags="$ccflags"
define="$define"
rm_try="$rm_try"
usethreads=$usethreads
i_pthread=$i_pthread
pthread_h_first=$pthread_h_first
EOSH

$cat >> protochk <<'EOSH'

$rm_try
foo="$1"
shift
while test $# -ge 2; do
case "$1" in
$define) echo "#include <$2>" >> try.c ;;
literal) echo "$2" >> try.c ;;
esac
# Extra magic for the benefit of systems that need pthread.h
# to be included early to correctly detect threadsafe functions.
# Such functions must guarantee themselves, though, that the usethreads
# and i_pthread have been defined, before calling protochk.
if test "$usethreads" = "$define" -a "$i_pthread" = "$define" -a "$pthread_h_first" = "$define" -a
"$pthread_h_done" = ""; then
echo "#include <pthread.h>" >> try.c
pthread_h_done=yes
fi
shift 2

```

```

done
cat >> try.c <<'EOCP'
#define _(args) args
EOCP
echo "$foo" >> try.c
?X: Just so we have something to compile.
echo 'int no_real_function_has_this_name _((void)) { return 0; }' >> try.c
$cc $optimize $ccflags -c try.c > /dev/null 2>&1
status=$?
$rm_try
exit $status
EOSH
chmod +x protochk
$unicefix protochk

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/Protochk.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Extras.U,v\$

?RCS:

?RCS: Copyright (c) 2001, Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:extras: Myread Oldconfig Setvar rm

?MAKE: -pick add \$@ %<

?Y:TOP

?S:extras:

?S: This variable holds a list of extra modules to install.

?S:.

: See if we want extra modules installed

echo " "

case "\$extras" in

) dflt='n';;

\*) dflt='y';;

esac

cat <<EOM

Perl can be built with extra modules or bundles of modules which will be fetched from the CPAN and installed alongside Perl.

Notice that you will need access to the CPAN; either via the Internet, or a local copy, for example a CD-ROM or a local CPAN mirror. (You will be asked later to configure the CPAN.pm module which will in turn do the installation of the rest of the extra modules or bundles.)

Notice also that if the modules require any external software such as libraries and headers (the libz library and the zlib.h header for the Compress::Zlib module, for example) you MUST have any such software already installed, this configuration process will NOT install such things for you.

If this doesn't make any sense to you, just accept the default '\$dflt'.

EOM

```
rp='Install any extra modules (y or n)?'
./myread
case "$ans" in
y|Y)
cat <<EOM
```

Please list any extra modules or bundles to be installed from CPAN, with spaces between the names. The names can be in any format the 'install' command of CPAN.pm will understand. (Answer 'none', without the quotes, to install no extra modules or bundles.)

EOM

```
rp='Extras?'
dflt="$extras"
./myread
extras="$ans"
esac
case "$extras" in
"|none")
val=""
$rm -f ../extras.lst
;;
*) echo "(Saving the list of extras for later...)"
echo "$extras" > ../extras.lst
val="$extras"
;;
esac
set extras
eval $setvar
echo " "
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Extras.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: spitshell.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: spitshell.U,v \$

?RCS: Revision 3.0.1.4 1997/02/28 16:22:12 ram

?RCS: patch61: removed useless chatter as this is now done very early

?RCS:

?RCS: Revision 3.0.1.3 1995/01/11 15:37:01 ram

?RCS: patch45: use 'test -f' instead of 'test -r' for exec-only cat progs (WED)

?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:33:00 ram

?RCS: patch32: don't create spitshell under the UU directory

?RCS: patch32: allow for cat in /bin or /usr/bin

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 16:12:58 ram

?RCS: patch10: made #-failure message more friendly (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:49 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:spitshell shsharp sharpbang: eunicefix sh Head

?MAKE: -pick add \$@ %<

?S:spitshell:

?S: This variable contains the command necessary to spit out a runnable

?S: shell on this system. It is either cat or a grep -v for # comments.

?S:.

?S:shsharp:

?S: This variable tells further Configure units whether your sh can

?S: handle # comments.

?S:.

?S:sharpbang:

?S: This variable contains the string #! if this system supports that

?S: construct.

?S:.

?F:!sharp

?T:xcat p

?X: "paths" comes from Head

?LINT:extern paths \_exe

: see if sh knows # comments

?X: This is loaded up early, so avoid being chatty.

?X: echo " "

?X: echo "Checking your \$sh to see if it knows about # comments..." >&2

if `sh -c '#' >/dev/null 2>&1`; then

?X: echo "Your \$sh handles # comments correctly."

shsharp=true

```

spitshell=cat
?X: echo " "
?X: echo "Okay, let's see if #! works on this system..."
xcat=/bin/cat
test -f $xcat$_exe || xcat=/usr/bin/cat
if test ! -f $xcat$_exe; then
  for p in `echo $PATH | sed -e "s/$p_/ /g"` $paths; do
    if test -f $p/cat$_exe; then
      xcat=$p/cat
      break
    fi
  done
  if test ! -f $xcat$_exe; then
    echo "Can't find cat anywhere!"
    exit 1
  fi
fi
echo "#!$xcat" >sharp
$unicefix sharp
chmod +x sharp
./sharp > today 2>/dev/null
if test -s today; then
?X: echo "It does."
  sharpbang='#!'
else
  echo "#! $xcat" > sharp
  $unicefix sharp
  chmod +x sharp
  ./sharp > today 2>/dev/null
  if test -s today; then
?X: echo "It does."
    sharpbang='#! '
  else
?X: echo "Okay, let's see if #! works on this system..."
?X: echo "It's just a comment."
    sharpbang=': use '
  fi
fi
else
  echo " "
  echo "Your $sh doesn't grok # comments--I will strip them later on."
  shsharp=false
?X: The spitshell script will be perused, so leave it out the UU directory
  cd ..
  echo "exec grep -v '^[ ]*#" >spitshell
  chmod +x spitshell
  $unicefix spitshell
  spitshell=`pwd`/spitshell

```

```
cd UU
echo "I presume that if # doesn't work, #! won't work either!"
sharbang=: use '
fi
rm -f sharp today
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/spitshell.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_longdbl.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: d\_longdbl.U,v \$

?RCS:

```
?MAKE:d_longdbl longdblsize d_ldexpl longdblkind \
d_long_double_style_ieee d_long_double_style_ieee_doubledouble \
d_long_double_style_ieee_extended d_long_double_style_ieee_std \
d_long_double_style_vax: Compile Setvar Myread \
Inlibc run echo cat rm_try test doublesize i_stdlib
```

?MAKE: -pick add \$@ %<

?S:d\_longdbl:

?S: This variable conditionally defines HAS\_LONG\_DOUBLE if

?S: the long double type is supported.

?S:.

?S:d\_ldexpl:

?S: This variable conditionally defines the HAS\_LDEXPL symbol, which

?S: indicates to the C program that the ldexpl() routine is available.

?S:.

?S:longdblsize:

?S: This variable contains the value of the LONG\_DOUBLESIZE symbol, which

?S: indicates to the C program how many bytes there are in a long double,

?S: if this system supports long doubles. Note that this is

?S: sizeof(long double), which may include unused bytes.

?S:.

?S:longdblkind:

?S: This variable, if defined, encodes the type of a long double:

?S: 0 = double,

?S: 1 = IEEE 754 128-bit little endian,

?S: 2 = IEEE 754 128-bit big endian,

?S: 3 = x86 80-bit little endian,

?S: 4 = x86 80-bit big endian,

?S: 5 = double-double 128-bit little endian,

?S: 6 = double-double 128-bit big endian,  
 ?S: 7 = 128-bit mixed-endian double-double (64-bit LEs in BE),  
 ?S: 8 = 128-bit mixed-endian double-double (64-bit BEs in LE),  
 ?S: 9 = 128-bit PDP-style mixed-endian long doubles,  
 ?S: -1 = unknown format.  
 ?S:.  
 ?S:d\_long\_double\_style\_ieee:  
 ?S: This variable conditionally defines LONG\_DOUBLE\_STYLE\_IEEE  
 ?S: if the long double is any of the IEEE 754 style long doubles:  
 ?S: LONG\_DOUBLE\_STYLE\_IEEE\_STD, LONG\_DOUBLE\_STYLE\_IEEE\_EXTENDED,  
 ?S: LONG\_DOUBLE\_STYLE\_IEEE\_DOUBLEDDOUBLE.  
 ?S:.  
 ?S:d\_long\_double\_style\_ieee\_doubledouble:  
 ?S: This variable conditionally defines LONG\_DOUBLE\_STYLE\_IEEE\_DOUBLEDDOUBLE  
 ?S: if the long double is the 128-bit IEEE 754 double-double.  
 ?S:.  
 ?S:d\_long\_double\_style\_ieee\_extended:  
 ?S: This variable conditionally defines LONG\_DOUBLE\_STYLE\_IEEE\_EXTENDED  
 ?S: if the long double is the 80-bit IEEE 754 extended precision.  
 ?S: Note that despite the 'extended' this is less than the 'std',  
 ?S: since this is an extension of the double precision.  
 ?S:.  
 ?S:d\_long\_double\_style\_ieee\_std:  
 ?S: This variable conditionally defines LONG\_DOUBLE\_STYLE\_IEEE\_STD  
 ?S: if the long double is the 128-bit IEEE 754.  
 ?S:.  
 ?S:d\_long\_double\_style\_vax:  
 ?S: This variable conditionally defines LONG\_DOUBLE\_STYLE\_VAX  
 ?S: if the long double is the 128-bit VAX format H.  
 ?S:.  
 ?C:HAS\_LONG\_DOUBLE:  
 ?C: This symbol will be defined if the C compiler supports long  
 ?C: doubles.  
 ?C:.  
 ?C:LONG\_DOUBLESIZE:  
 ?C: This symbol contains the size of a long double, so that the  
 ?C: C preprocessor can make decisions based on it. It is only  
 ?C: defined if the system supports long doubles. Note that this  
 ?C: is sizeof(long double), which may include unused bytes.  
 ?C:.  
 ?C:HAS\_LDEXPL:  
 ?C: This symbol, if defined, indicates that the ldexpl routine is  
 ?C: available to shift a long double floating-point number  
 ?C: by an integral power of 2.  
 ?C:.  
 ?C:LONG\_DOUBLEKIND:  
 ?C: LONG\_DOUBLEKIND will be one of  
 ?C: LONG\_DOUBLE\_IS\_DOUBLE

?C: LONG\_DOUBLE\_IS\_IEEE\_754\_128\_BIT\_LITTLE\_ENDIAN  
?C: LONG\_DOUBLE\_IS\_IEEE\_754\_128\_BIT\_BIG\_ENDIAN  
?C: LONG\_DOUBLE\_IS\_X86\_80\_BIT\_LITTLE\_ENDIAN  
?C: LONG\_DOUBLE\_IS\_X86\_80\_BIT\_BIG\_ENDIAN  
?C: LONG\_DOUBLE\_IS\_DOUBLEDDOUBLE\_128\_BIT\_LE\_LE  
?C: LONG\_DOUBLE\_IS\_DOUBLEDDOUBLE\_128\_BIT\_BE\_BE  
?C: LONG\_DOUBLE\_IS\_DOUBLEDDOUBLE\_128\_BIT\_LE\_BE  
?C: LONG\_DOUBLE\_IS\_DOUBLEDDOUBLE\_128\_BIT\_BE\_LE  
?C: LONG\_DOUBLE\_IS\_VAX\_H\_FLOAT  
?C: LONG\_DOUBLE\_IS\_UNKNOWN\_FORMAT  
?C: It is only defined if the system supports long doubles.  
?C:.  
?C:LONG\_DOUBLE\_STYLE\_IEEE:  
?C: This symbol, if defined, indicates that the long double  
?C: is any of the IEEE 754 style long doubles:  
?C: LONG\_DOUBLE\_STYLE\_IEEE\_STD, LONG\_DOUBLE\_STYLE\_IEEE\_EXTENDED,  
?C: LONG\_DOUBLE\_STYLE\_IEEE\_DOUBLEDDOUBLE.  
?C:.  
?C:LONG\_DOUBLE\_STYLE\_IEEE\_DOUBLEDDOUBLE:  
?C: This symbol, if defined, indicates that the long double is  
?C: the 128-bit double-double.  
?C:.  
?C:LONG\_DOUBLE\_STYLE\_IEEE\_EXTENDED:  
?C: This symbol, if defined, indicates that the long double is  
?C: the 80-bit IEEE 754. Note that despite the 'extended' this  
?C: is less than the 'std', since this is an extension of  
?C: the double precision.  
?C:.  
?C:LONG\_DOUBLE\_STYLE\_IEEE\_STD:  
?C: This symbol, if defined, indicates that the long double is  
?C: the 128-bit IEEE 754.  
?C:.  
?C:LONG\_DOUBLE\_STYLE\_VAX:  
?C: This symbol, if defined, indicates that the long double is  
?C: the 128-bit VAX format H.  
?C:.  
?H:#\$d\_ldexpl HAS\_LDEXPL /\*\*/  
?H:#\$d\_longdbl HAS\_LONG\_DOUBLE /\*\*/  
?H:?LONG\_DOUBLESIZE:#ifdef HAS\_LONG\_DOUBLE  
?H:?LONG\_DOUBLESIZE:#define LONG\_DOUBLESIZE \$longdblsize /\*\*/  
?H:?LONG\_DOUBLESIZE:#define LONG\_DOUBLEKIND \$longdblkind /\*\*/  
?H:?LONG\_DOUBLESIZE:#define LONG\_DOUBLE\_IS\_DOUBLE 0  
?H:?LONG\_DOUBLESIZE:#define LONG\_DOUBLE\_IS\_IEEE\_754\_128\_BIT\_LITTLE\_ENDIAN 1  
?H:?LONG\_DOUBLESIZE:#define LONG\_DOUBLE\_IS\_IEEE\_754\_128\_BIT\_BIG\_ENDIAN 2  
?H:?LONG\_DOUBLESIZE:#define LONG\_DOUBLE\_IS\_X86\_80\_BIT\_LITTLE\_ENDIAN 3  
?H:?LONG\_DOUBLESIZE:#define LONG\_DOUBLE\_IS\_X86\_80\_BIT\_BIG\_ENDIAN 4  
?H:?LONG\_DOUBLESIZE:#define LONG\_DOUBLE\_IS\_DOUBLEDDOUBLE\_128\_BIT\_LE\_LE 5  
?H:?LONG\_DOUBLESIZE:#define LONG\_DOUBLE\_IS\_DOUBLEDDOUBLE\_128\_BIT\_BE\_BE 6



```

?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_BE 7
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_LE 8
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_VAX_H_FLOAT 9
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_UNKNOWN_FORMAT -1
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LITTLE_ENDIAN
LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_LE /* back-compat */
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_BE /* back-compat */
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee LONG_DOUBLE_STYLE_IEEE
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee_doubledouble
LONG_DOUBLE_STYLE_IEEE_DOUBLEDDOUBLE
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee_extended
LONG_DOUBLE_STYLE_IEEE_EXTENDED
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee_std LONG_DOUBLE_STYLE_IEEE_STD
?H:?LONG_DOUBLESIZE:#$d_long_double_style_vax LONG_DOUBLE_STYLE_VAX
?H:?LONG_DOUBLESIZE:#endif
?H:
?F:!try
?LINT:known LONG_DOUBLE_IS_DOUBLE LONG_DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN
?LINT:known LONG_DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_X86_80_BIT_LITTLE_ENDIAN
?LINT:known LONG_DOUBLE_IS_X86_80_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LITTLE_ENDIAN
?LINT:known LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_UNKNOWN_FORMAT
?LINT:known LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_LE
?LINT:known LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_BE
?LINT:known LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_BE
?LINT:known LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_LE
?LINT:known LONG_DOUBLE_IS_VAX_H_FLOAT
?LINT:set d_longdbl
?LINT:set d_ldexpl
: check for long doubles
echo " "
echo "Checking to see if you have long double..." >&4
echo 'int main() { long double x = 7.0; }' > try.c
set try
if eval $compile; then
val="$define"
echo "You have long double."
else
val="$undef"
echo "You do not have long double."
fi
$rm_try
set d_longdbl
eval $setvar

```

```

: see if ldexpl exists
set ldexpl d_ldexpl
eval $nlibc

@if LONG_DOUBLESIZE || longdblsize
: check for length of long double
?X: Check only if d_longdbl and if longdblsize is not already set.
case "${d_longdbl}${longdblsize}" in
$define)
echo " "
echo "Checking to see how big your long doubles are..." >&4
$cat >try.c <<'EOCP'
#include <stdio.h>
int main()
{
printf("%d\n", sizeof(long double));
}
EOCP
set try
?X: Don't use compile_ok because some compilers warn you that they have
?X: 'long double' as just 'double'.
set try
if eval $compile; then
longdblsize=`$run ./try`
echo "Your long doubles are $longdblsize bytes long."
else
dflt='8'
echo " "
echo "(I can't seem to compile the test program. Guessing...)" >&4
rp="What is the size of a long double (in bytes)?"
./myread
longdblsize="$ans"
fi
if $test "X$doublesize" = "X$longdblsize"; then
echo "That isn't any different from an ordinary double."
echo "I'll keep your setting anyway, but you may see some"
echo "harmless compilation warnings."
fi
;;
esac
$rm_try
@end

$echo "Checking the kind of long doubles you have..." >&4
case "$d_longdbl" in
define)
$cat <<EOP >try.c
#$i_stdlib I_STDLIB

```

```

#define LONGDBLSIZE $longdblsize
#define DOUBLESIZE $doublesize
#include <float.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <stdio.h>
static const long double d = -0.1L;
int main() {
    unsigned const char* b = (unsigned const char*)&d;
#ifdef DOUBLESIZE == LONGDBLSIZE
    printf("0\n"); /* if it floats like double */
    exit(0);
#endif
#ifdef (LDBL_MANT_DIG == 113 || FLT128_MANT_DIG == 113) && LONGDBLSIZE == 16
    if (b[0] == 0x9A && b[1] == 0x99 && b[15] == 0xBF) {
        /* IEEE 754 128-bit little-endian */
        printf("1\n");
        exit(0);
    }
    if (b[0] == 0xBF && b[14] == 0x99 && b[15] == 0x9A) {
        /* IEEE 128-bit big-endian, e.g. solaris sparc */
        printf("2\n");
        exit(0);
    }
#endif
    /* For alignment 32-bit platforms have the 80 bits in 12 bytes,
    * while 64-bits platforms have it in 16 bytes. The trailing bytes
    * cannot be trusted. */
#ifdef LDBL_MANT_DIG == 64 && (LONGDBLSIZE == 16 || LONGDBLSIZE == 12)
    if (b[0] == 0xCD && b[9] == 0xBF) {
        /* x86 80-bit little-endian, sizeof 12 (ILP32, Solaris x86)
        * or 16 (LP64, Linux and OS X), 4 or 6 bytes of padding.
        * Also known as "extended precision". */
        printf("3\n");
        exit(0);
    }
    if (b[0] == 0xBF && b[9] == 0xCD) {
        /* Is there ever big-endian 80-bit, really?
        *
        * The Motorola 68881 had another "extended precision" format:
        * sign:1 exp:15 zero:16 integer:1 mantissa:63
        * for total of 96 bits of bytes. The zero bits were unused.
        * See "M68000 FAMILY PROGRAMMER'S REFERENCE MANUAL" for more details.
        * If it ever becomes relevant, this format should be allocated
        * a new doublekind code since it's quite different from the Intel x87.
        */
        printf("4\n");
    }
#endif
}

```

```

    exit(0);
}
#endif
#if (LDBL_MANT_DIG == 106 || LDBL_MANT_DIG == 107) && LONGDBLSIZE == 16
/* software "double double", the 106 is 53+53.
 * but irix thinks it is 107. */
if (b[0] == 0x9A && b[7] == 0x3C && b[8] == 0x9A && b[15] == 0xBF) {
/* double double 128-bit fully little-endian,
 * little-endian doubles in little-endian order,
 * 9a 99 99 99 99 99 59 3c 9a 99 99 99 99 99 b9 bf */
printf("5\n");
exit(0);
}
if (b[0] == 0xBF && b[7] == 0x9A && b[8] == 0x3C && b[15] == 0x9A) {
/* double double 128-bit fully big-endian,
 * big-endian doubles in big-endian order,
 * e.g. PPC/Power and MIPS:
 * bf b9 99 99 99 99 99 9a 3c 59 99 99 99 99 99 9a */
printf("6\n");
exit(0);
}
if (b[0] == 0x9A && b[7] == 0xBF && b[8] == 0x9A && b[15] == 0x3C) {
/* double double 128-bit mixed endian.
 * little-endian doubles in big-endian order,
 * e.g. ppc64el,
 * 9a 99 99 99 99 99 b9 bf 9a 99 99 99 99 99 59 3c */
printf("7\n");
exit(0);
}
if (b[0] == 0x3C && b[7] == 0x9A && b[8] == 0xBF && b[15] == 0x9A) {
/* double double 128-bit mixed endian,
 * big-endian doubles in little-endian order,
 * 3c 59 99 99 99 99 99 9a bf b9 99 99 99 99 99 9a */
printf("8\n");
exit(0);
}
}
#endif
/* We are largely making this up because it may well be
 * that the VAX format H was never made available to C,
 * only to Fortran. */
#if LONGDBLSIZE == 16 && defined(__vax__)
if (b[0] == 0xFD && b[15] == 0x99) {
/* VAX format H, PDP-11 mixed endian. */
printf("9\n");
exit(0);
}
}
#endif
printf("-1\n"); /* unknown */

```

```

    exit(0);
}
EOP
set try
if eval $compile; then
    longdblkind=`$run ./try`
else
    longdblkind=-1
fi
;;
*) longdblkind=0 ;;
esac
case "$longdblkind" in
0) echo "Your long doubles are doubles." >&4 ;;
1) echo "You have IEEE 754 128-bit little endian long doubles." >&4 ;;
2) echo "You have IEEE 754 128-bit big endian long doubles." >&4 ;;
3) echo "You have x86 80-bit little endian long doubles." >& 4 ;;
4) echo "You have x86 80-bit big endian long doubles." >& 4 ;;
5) echo "You have 128-bit fully little-endian double-double long doubles (64-bit LEs in LE)." >& 4 ;;
6) echo "You have 128-bit fully big-endian double-double long doubles (64-bit BEs in BE)." >& 4 ;;
7) echo "You have 128-bit mixed-endian double-double long doubles (64-bit LEs in BE)." >& 4 ;;
8) echo "You have 128-bit mixed-endian double-double long doubles (64-bit BEs in LE)." >& 4 ;;
9) echo "You have 128-bit PDP-style mixed-endian long doubles (VAX format H)." >& 4 ;;
*) echo "Cannot figure out your long double." >&4 ;;
esac
d_long_double_style_ieee=$undef
d_long_double_style_ieee_std=$undef
d_long_double_style_ieee_extended=$undef
d_long_double_style_ieee_doubledouble=$undef
d_long_double_style_vax=$undef
case "$longdblkind" in
1|2|3|4|5|6|7|8) d_long_double_style_ieee=$define ;;
esac
case "$longdblkind" in
1|2) d_long_double_style_ieee_std=$define ;;
esac
case "$longdblkind" in
3|4) d_long_double_style_ieee_extended=$define ;;
esac
case "$longdblkind" in
5|6|7|8) d_long_double_style_ieee_doubledouble=$define ;;
esac
case "$longdblkind" in
9) d_long_double_style_vax=$define ;;
esac
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_longdbl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Tr.U,v $
```

```
?RCS: Revision 3.0.1.2 1994/10/29 18:00:54 ram
```

```
?RCS: patch43: forgot to quote $@ to protect against "evil" characters
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/10/29 15:58:35 ram
```

```
?RCS: patch36: created
```

```
?RCS:
```

```
?X:
```

```
?X: This unit produces a bit of shell code that must be dotted in in order
```

```
?X: to do a character translation. It catches translations to uppercase or
```

```
?X: to lowercase, and then invokes the real tr to perform the job.
```

```
?X:
```

```
?X: This unit is necessary on HP machines (HP strikes again!) with non-ascii
```

```
?X: ROMAN8-charset, where normal letters are not arranged in a row, so a-z
```

```
?X: covers not the whole alphabet but lots of special chars. This was reported
```

```
?X: by Andreas Sahlbach <a.sahlbach@tu-bs.de>.
```

```
?X:
```

```
?X: Units performing a tr '[A-Z]' '[a-z]' or the other way round should include
```

```
?X: us in their dependency and use ./tr instead.
```

```
?X:
```

```
?MAKE:Tr: startsh tr eunicefix
```

```
?MAKE: -pick add $@ %<
```

```
?F:./tr
```

```
?T:up low LC_ALL
```

```
: see whether [:lower:] and [:upper:] are supported character classes
```

```
echo " "
```

```
case "`echo AbyZ | LC_ALL=C $tr '[:lower:]' '[:upper:]' 2>/dev/null`" in
```

```
ABYZ)
```

```
echo "Good, your tr supports [:lower:] and [:upper:] to convert case." >&4
```

```
up='[:upper:]'
```

```
low='[:lower:]'
```

```
::
```

```
*) # There is a discontinuity in EBCDIC between 'I' and 'J'
```

```
  # (0xc9 and 0xd1), therefore that is a nice testing point.
```

```

    if test "X$up" = X -o "X$low" = X; then
    case "`echo IJ | LC_ALL=C $tr '[I-J]' '[i-j]' 2>/dev/null`" in
    ij) up='[A-Z]'
        low='[a-z]'
    ;;
    esac
    fi
if test "X$up" = X -o "X$low" = X; then
    case "`echo IJ | LC_ALL=C $tr I-J i-j 2>/dev/null`" in
    ij) up='A-Z'
        low='a-z'
    ;;
    esac
    fi
if test "X$up" = X -o "X$low" = X; then
    case "`echo IJ | od -x 2>/dev/null`" in
    *C9D1*|*c9d1*)
    echo "Hey, this might be EBCDIC." >&4
    if test "X$up" = X -o "X$low" = X; then
        case "`echo IJ | \
        LC_ALL=C $tr '[A-IJ-RS-Z]' '[a-ij-rs-z]' 2>/dev/null`" in
        ij) up='[A-IJ-RS-Z]'
            low='[a-ij-rs-z]'
        ;;
        esac
    fi
    if test "X$up" = X -o "X$low" = X; then
        case "`echo IJ | LC_ALL=C $tr A-IJ-RS-Z a-ij-rs-z 2>/dev/null`" in
        ij) up='A-IJ-RS-Z'
            low='a-ij-rs-z'
        ;;
        esac
    fi
    ;;
    esac
fi
esac
case "`echo IJ | LC_ALL=C $tr \"$up\" \"$low\" 2>/dev/null`" in
ij)
    echo "Using $up and $low to convert case." >&4
    ;;
*)
    echo "I don't know how to translate letters from upper to lower case." >&4
    echo "Your tr is not acting any way I know of." >&4
    exit 1
    ;;
esac
: set up the translation script tr, must be called with ./tr of course

```

```
cat >tr <<EOSC
$startsh
case "$1\"$2" in
[A-Z][a-z]) LC_ALL=C exec $tr 'Sup' '$low';;
[a-z][A-Z]) LC_ALL=C exec $tr '$low' 'Sup';;
esac
LC_ALL=C exec $tr "\$@"
EOSC
chmod +x tr
$unicefix tr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Tr.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Head.U 6 2006-08-25 22:21:46Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Head.U,v $
?RCS: Revision 3.0.1.9 1997/02/28 15:02:09 ram
?RCS: patch61: make sure we unset CDPATH for shells that support this
?RCS: patch61: improved Korn shell detection and handling
?RCS:
?RCS: Revision 3.0.1.8 1995/07/25 13:40:02 ram
?RCS: patch56: added SVR4-ish /opt directories to path list (ADO)
?RCS: patch56: OS/2 platforms are using another path separator
?RCS:
?RCS: Revision 3.0.1.7 1995/03/21 08:46:15 ram
?RCS: patch52: definition of paths wrongly added spurious ':' chars
?RCS:
?RCS: Revision 3.0.1.6 1994/10/29 15:54:19 ram
?RCS: patch36: make sure ENV is unset before calling /bin/ksh
?RCS:
?RCS: Revision 3.0.1.5 1994/08/29 16:03:44 ram
?RCS: patch32: now sets PATH only using existing directories
?RCS:
?RCS: Revision 3.0.1.4 1994/06/20 06:54:28 ram
?RCS: patch30: now computes its invocation name into 'me'
?RCS: patch30: symbol me is made visible to all units read-only
?RCS:
```



?RCS: Revision 3.0.1.3 1993/12/15 08:15:07 ram  
?RCS: patch15: added /sbin:/usr/sbin:/usr/libexec in PATH for BSD/386  
?RCS:  
?RCS: Revision 3.0.1.2 1993/11/10 17:32:35 ram  
?RCS: patch14: ensure PATH is reset to '.' before testing for alias  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/27 14:38:07 ram  
?RCS: patch7: not all 'test' programs support the -x option  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:04:58 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This is the very first unit in the Configure script. It is mostly just  
?X: things to keep people from getting into a tizzy right off the bat.  
?X:  
?MAKE:Head:  
?MAKE: -pick wipe \$@ %<  
?V:PATH p\_\_exe me newsh  
?T:argv p paths OS2\_SHELL DJGPP  
?T:inksh needksh avoidksh newsh changesh reason  
?F:!\*  
?LINT:extern ENV CDPATH SHELL MACHTYPE \_exe is\_os2  
?LINT:change ENV CDPATH is\_os2  
?LINT:nocomment  
#!/bin/sh  
#  
# If these # comments don't work, trim them. Don't worry about any other  
# shell scripts, Configure will trim # comments from them for you.  
#  
# (If you are trying to port this package to a machine without sh,  
# I would suggest you have a look at the prototypical config\_h.SH file  
# and edit it to reflect your system. Some packages may include samples  
# of config.h for certain machines, so you might look for one of those.)  
#  
?X:  
?X: NOTE THAT A CONFIGURE SCRIPT IS IN THE PUBLIC DOMAIN (whether or not  
?X: the software which uses it is in the public domain).  
?X:  
# Yes, you may rip this off to use in other distribution packages. This  
# script belongs to the public domain and cannot be copyrighted.  
#  
?X:  
?X: WE ASK YOU NOT TO REMOVE OR ALTER THE FOLLOWING PARAGRAPH, PLEASE:  
?X:  
# Note: this Configure script was generated automatically by the tool  
# called "metaconfig". Rather than working with this copy of Configure,  
# you should use metaconfig. Perl uses a modified version of this

```
# tool, and this, together with the metaconfig units, are available
# in the git repository:
# $ git clone https://github.com/perl5-metaconfig/metaconfig metaconfig
# The original dist package (including metaconfig) is available on github:
# $ git clone https://github.com/rmanfredi/dist.git dist-git
#
?X: OK, I'll not alter, but I'll add to it then ...
# Though this script was generated by metaconfig from metaunits, it is
# OK to send patches against Configure itself (but not to commit them
# to bleed). It's up to
# the Configure maintainers to backport the patch to the metaunits if it
# is accepted. Exceptions to this rule, and more information, is in
# Porting/pumpkin.pod.
?X:
?X: NOTA BENE:
?X: If you develop you own version of metaconfig based on this work,
?X: you have to add some comments telling that the script was generated
?X: by your version, not mine: It credits your work.
?X:
```

```
# Generated using [metaconfig <VERSION> PL<PATCHLEVEL>]
# (with additional metaconfig patches by <MAINTLOC>)
```

```
cat >c1$$ <<EOF
ARGGGHHHH!!!!
```

SCO csh still thinks true is false. Write to SCO today and tell them that next year Configure ought to "rm /bin/csh" unless they fix their blasted shell. :-)

(Actually, Configure ought to just patch csh in place. Hmm. Hmmmmm. All we'd have to do is go in and swap the && and || tokens, wherever they are.)

[End of diatribe. We now return you to your regularly scheduled programming...]

```
EOF
cat >c2$$ <<EOF
```

```
OOPS! You naughty creature! You didn't run Configure with sh!
I will attempt to remedy the situation by running sh for you...
EOF
```

```
true || cat c1$$ c2$$
true || exec sh $0 $argv:q
```

```
(exit $?0) || cat c2$$
(exit $?0) || exec sh $0 $argv:q
rm -f c1$$ c2$$
```

```
if test -f /dev/cputype -a -f /dev/drivers -a -f /dev/osversion; then
```

```

cat <<EOF
***
*** I'm sorry but this system looks like Plan 9 and Plan 9 doesn't do
*** Configure that well. (Plan 9 is close to UNIX but not close enough.)
*** Please read the README.plan9 for further instructions.
*** Cannot continue, aborting.
***
EOF
exit 1
fi

if test -f /sys/utilities/MultiView ; then
# AmigaOS, test -c for /dev/null is not useful
:
elif test ! -c /dev/null ; then
cat <<EOF
***
*** I'm sorry, but /dev/null appears to be a file rather than a device.
*** Please consult your operating system's notes for making a device
*** in /dev.
*** Cannot continue, aborting.
***
EOF
exit 1
fi

: compute my invocation name
me=$0
case "$0" in
*/*)
me=`echo $0 | sed -e 's!.*\(\.*\)!|1!' 2>/dev/null`
test "$me" || me=$0
;;
esac

?X:
?X: To be able to run under OS/2, we must detect that early enough to use
?X: the proper path separator, stored in $p_. It is : on UNIX and ; on
?X: DOS-ish systems such as OS/2.
?X:
: Proper separator for the PATH environment variable
p_=:
: On OS/2 this directory should exist if this is not floppy only system ":-]"
if test -d c:/ || ( uname -a | grep -i 'os\(\|\)2' 2>&1 ) 2>&1 >/dev/null ; then
if test -n "$OS2_SHELL"; then
p_=\;
PATH=`cmd /c "echo %PATH%" | tr "\\\\" /`
?X: That's a bug in ksh5.22

```

```

OS2_SHELL=`cmd /c "echo %OS2_SHELL%" | tr '\\\\' / | tr '[A-Z]' '[a-z]`
is_os2=yes
elif test -n "$DJGPP"; then
  case "X${MACHTYPE:-nonesuchmach}" in
    *cygwin|*msys) ;;
    *) p_=\; ;;
  esac
fi
fi

```

?X:

?X: There are two schools of thoughts here. Some people correctly argue that  
 ?X: the user has a better chance than we do of setting a reasonable PATH and  
 ?X: others argue that Configure is the best place there is to set up a suitable  
 ?X: PATH. Well, here we try to compromise by keeping the user's PATH and  
 ?X: appending some directories which are known to work on some machine or the  
 ?X: other. The rationale behind this being that a novice user might not have a  
 ?X: proper environment variable set, and some directories like /etc (where  
 ?X: chown is located on some BSD systems) may be missing--RAM.

?X:

?X: SVR4 adds an /opt directory for optional packages. Some sites use  
 ?X: various permutations on /opt as opposed to /usr or /usr/local.-- ADO

?X:

?X: We only add directories that are not already in the PATH of the  
 ?X: user and the directories must exist also.

?X:

?X: 20040627, Merijn, HP-UX's ANSI compiler is in /opt/ansic/bin if present  
 ?X: and should be before /usr/ccs/bin, where the braindead bundled compiler  
 ?X: can be found. The /usr/ccs/bin compiler cannot be used to build perl.

?X:

: Proper PATH setting

```

paths="/bin /usr/bin /usr/local/bin /usr/ucb /usr/local /usr/lbin"
paths="$paths /opt/bin /opt/local/bin /opt/local /opt/lbin"
paths="$paths /usr/5bin /etc /usr/gnu/bin /usr/new /usr/new/bin /usr/nbin"
paths="$paths /opt/gnu/bin /opt/new /opt/new/bin /opt/nbin"
paths="$paths /sys5.3/bin /sys5.3/usr/bin /bsd4.3/bin /bsd4.3/usr/ucb"
paths="$paths /bsd4.3/usr/bin /usr/bsd /bsd43/bin /opt/ansic/bin /usr/ccs/bin"
paths="$paths /etc /usr/lib /usr/ucblib /lib /usr/ccs/lib"
paths="$paths /sbin /usr/sbin /usr/libexec"
paths="$paths /system/gnu_library/bin"

```

for p in \$paths

do

case "\$p\_\${PATH}\$p\_" in

\*\$p\_-\$p-\$p\_\*) ;;

\*) test -d \$p && PATH=\$PATH\$p\_-\$p ;;

esac

done

```
PATH=.$p_$PATH
```

```
export PATH
```

```
: shall we be using ksh?
```

```
inksh=""
```

```
needksh=""
```

```
avoidksh=""
```

```
newsh=/bin/ksh
```

```
changesh=""
```

```
?X: Use (alias -x) and not (alias) since zsh and bash recognize the alias
```

```
?X: builtin but not the -x option which is typically ksh...
```

```
?X: We need to set up PATH before calling the "alias" built-in since some
```

```
?X: systems like HP-UX have a binary called /bin/alias.
```

```
if (PATH=.; alias -x) >/dev/null 2>&1; then
```

```
    inksh=true
```

```
fi
```

```
?X: On HP-UX, large Configure scripts may exercise a bug in /bin/sh, use ksh
```

```
if test -f /hp-ux -a -f /bin/ksh; then
```

```
    needksh='to avoid sh bug in "here document" expansion'
```

```
fi
```

```
?X: On AIX4, /bin/sh is really ksh and it causes problems, use sh
```

```
if test -d /usr/lpp -a -f /usr/bin/bsh -a -f /usr/bin/uname; then
```

```
    if test X`/usr/bin/uname -v` = X4; then
```

```
        avoidksh="to avoid AIX 4's /bin/sh"
```

```
        newsh=/usr/bin/bsh
```

```
    fi
```

```
fi
```

```
?X: On Digital UNIX, /bin/sh may start up buggy /bin/ksh, use sh
```

```
if test -f /osf_boot -a -f /usr/sbin/setld; then
```

```
    if test X`/usr/bin/uname -s` = XOSF1; then
```

```
        avoidksh="to avoid Digital UNIX' ksh"
```

```
        newsh=/bin/sh
```

```
?X: if BIN_SH is set to 'xpg4', sh will start up ksh
```

```
    unset BIN_SH
```

```
fi
```

```
fi
```

```
?X: If we are not in ksh and need it, then feed us back to it
```

```
case "$inksh/$needksh" in
```

```
/[a-z]*)
```

```
?X: Clear ENV to avoid any ~/.kshrc that could alias cd or whatever...
```

```
?X: Don't use "unset ENV", that is not portable enough
```

```
    ENV=""
```

```
    changesh=true
```

```
    reason="$needksh"
```

```
;;
```

```
esac
```

```
?X: If we are in ksh and must avoid it, then feed us back to a new shell
```

```

case "$sinksh/$savoidksh" in
true/[a-z]*)
  changesh=true
  reason="$savoidksh"
  ;;
esac
?X: Warn them if they use ksh on other systems, which are those where
?X: we don't need ksh nor want to avoid it explicitly, yet are using it.
case "$sinksh/$needksh-$savoidksh-" in
true/--)
  cat <<EOM
(I see you are using the Korn shell. Some ksh's blow up on $me,
mainly on older exotic systems. If yours does, try the Bourne shell instead.)
EOM
  ;;
esac
case "$changesh" in
true)
  export newsh
  echo "(Feeding myself to $newsh $reason.)"
?X: Make sure they didn't say sh <Configure by checking whether $0 ends
?X: with Configure or not. If they did say sh <.././Configure, then too
?X: bad for them anyway, since we lost that path indication...
?X: Otherwise, execing $0 ensures we keep the full remote source dir
?X: indication for src.U.
  case "$0" in
Configure|*/Configure) exec $newsh $0 "$@";;
*) exec $newsh Configure "$@";;
  esac
  ;;
esac
?X: 2004.06.09 rac
?X: having $newsh persist as ksh here is bad news if ksh doesn't really
?X: exist. this causes us to toss away a perfectly good working test in
?X: bash in favor of more exotic external options. see bug 42665.
test -x "${newsh}" || unset newsh

?X: Unset CDPATH to avoid surprises when using cd under some shells
?X: Can't unset it because that's not portable to very old shells.
?X: Can't set it to " because then bash 2.02 won't do "cd UU" --AD 6/98.
?X: Don't want to set it to '.' because then ksh prints out the
?X: name of the directory every time you cd to it. --AD 6/98
?X: In order to inflict the least harm, change it only if it's set.
: if needed, set CDPATH to a harmless value that is not chatty
: avoid bash 2.02 problems with empty CDPATH.
case "$CDPATH" in
") ;;
*) case "$SHELL" in

```

```
*bash*) CDPATH='! ' ;;
*) CDPATH="" ;;
esac
;;
esac
```

: Configure runs within the UU subdirectory

```
test -d UU || mkdir UU
```

?X: Use ./\* to avoid any confirmation prompts from enhanced shells -- WED

```
cd UU && rm -f ./*
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Head.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systypes.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: i_systypes.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:41 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: Look wether <sys/types.h> needs to be included.
```

```
?X:
```

```
?MAKE:i_systypes: Inhdr
```

```
?MAKE:-pick add $@ %<
```

```
?S:i_systypes:
```

```
?S: This variable conditionally defines the I_SYS_TYPES symbol,
```

```
?S: and indicates whether a C program should include <sys/types.h>.
```

```
?S:.
```

```
?C:I_SYS_TYPES (I_SYSTYPES):
```

```
?C: This symbol, if defined, indicates to the C program that it should
```

```
?C: include <sys/types.h>.
```

```
?C:.
```

```
?H:#$i_systypes I_SYS_TYPES /**/
```

```
?H:.
```

```
?LINT:set i_systypes
```

```
: see if sys/types.h has to be included
```

```
set sys/types.h i_systypes
```

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_systypes.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_readv: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_readv:

?S: This variable conditionally defines the HAS\_READV symbol, which

?S: indicates to the C program that the readv() routine is available.

?S:.

?C:HAS\_READV:

?C: This symbol, if defined, indicates that the readv routine is

?C: available to do gather reads. You will also need <sys/uio.h>

?C: and there I\_SYSUIO.

?C:.

?H:#\$d\_readv HAS\_READV /\*\*/

?H:.

?LINT:set d\_readv

: see if readv exists

set readv d\_readv

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_readv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: rcs\_branch.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: rcs\_branch.U,v \$



```

?RCS: Revision 3.0 1993/08/18 12:09:40 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:rcs_branch: Myread contains Loc
?MAKE: -pick add $@ %<
?S:rcs_branch:
?S: This variable will hold "true" if rcs can take the -b<revision>
?S: option, which can make Life Easier on those folks who like to run
?S: rcsdiff manually.
?S:.
?T:xxx
: Tra la la la la
echo " "
echo "Checking to see if RCS understands the -b switch..." >&4
xxx=`./loc rcs " $pth`
case "$xxx" in
")
    rcs_branch=false
    echo "Oh. You don't seem to have RCS here."
    ;;
*)
    rcs > rcsbranch.out 2>&1
    if $contains 'b\[rev\]' rcsbranch.out >/dev/null 2>&1 ; then
        rcs_branch=true
        echo "Nice! Your RCS is spiffy!"
    else
        rcs_branch=false
        echo "Well, at least you have RCS. You know, a newer version is available."
    fi
    ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/rcs_branch.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: You may distribute under the terms of either the GNU General Public

```

```

?RCS: License or the Artistic License, as specified in the README file.

```

```

?RCS:

```

```

?MAKE:d_lgamma: Inlibc

```

```

?MAKE: -pick add $@ %<

```

```

?S:d_lgamma:

```

```

?S: This variable conditionally defines the HAS_LGAMMA symbol, which

```

```

?S: indicates to the C program that the lgamma() routine is available

```

```

?S: for the log gamma function. See also d_tgamma and d_lgamma_r.

```

```

?S:.

```

```

?C:HAS_LGAMMA:

```

?C: This symbol, if defined, indicates that the lgamma routine is  
?C: available to do the log gamma function. See also HAS\_TGAMMA and  
?C: HAS\_LGAMMA\_R.  
?C:.  
?H:#\$d\_lgamma HAS\_LGAMMA /\*\*/  
?H:.  
?LINT:set d\_lgamma  
: see if lgamma exists  
set lgamma d\_lgamma  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_lgamma.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: i\_malloc.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:08:21 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:i\_malloc: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_malloc:  
?S: This variable conditionally defines the I\_MALLOC symbol, and indicates  
?S: whether a C program should include <malloc.h>.  
?S:.  
?C:I\_MALLOC:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <malloc.h>.  
?C:.  
?H:#\$i\_malloc I\_MALLOC /\*\*/  
?H:.  
?LINT:set i\_malloc  
: see if this is a malloc.h system  
set malloc.h i\_malloc  
eval \$inhdr

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_malloc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: sysman.U,v $
```

```
?RCS: Revision 3.0.1.2 1994/06/20 07:08:43 ram
```

```
?RCS: patch30: now explicitly states that /usr/man/man1 is the default
```

```
?RCS: patch30: added /usr/local/man/man1 to the search list
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1993/09/13 16:13:50 ram
```

```
?RCS: patch10: added support for /local/man/man1 (WAD)
```

```
?RCS: patch10: added temporary syspath variable to cut down on line length
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:09:55 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:sysman: test Loc Oldconfig
```

```
?MAKE: -pick add $@ %<
```

```
?S:sysman:
```

```
?S: This variable holds the place where the manual is located on this
```

```
?S: system. It is not the place where the user wants to put his manual
```

```
?S: pages. Rather it is the place where Configure may look to find manual
```

```
?S: for unix commands (section 1 of the manual usually). See mansrc.
```

```
?S:.
```

```
?T:syspath
```

```
: determine where manual pages are on this system
```

```
echo " "
```

```
case "$sysman" in
```

```
)
```

```
syspath='/usr/share/man/man1 /usr/man/man1'
```

```
syspath="$syspath /usr/man/mann /usr/man/man1 /usr/man/local/man1"
```

```
syspath="$syspath /usr/man/u_man/man1 /usr/share/man/man1"
```

```
syspath="$syspath /usr/catman/u_man/man1 /usr/man/l_man/man1"
```

```
syspath="$syspath /usr/local/man/u_man/man1 /usr/local/man/l_man/man1"
```

```
syspath="$syspath /usr/man/man.L /local/man/man1 /usr/local/man/man1"
```

```
sysman=`./loc . /usr/man/man1 $syspath`
```

```
::
```

```
esac
```

```
if $test -d "$sysman"; then
  echo "System manual is in $sysman." >&4
else
  echo "Could not find manual pages in source form." >&4
fi
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sysman.U
```

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_ustat: Inlibc

?MAKE:-pick add \$@ %<

?S:d\_ustat:

?S: This variable conditionally defines HAS\_USTAT if ustat() is

?S: available to query file system statistics by dev\_t.

?S:.

?C:HAS\_USTAT:

?C: This symbol, if defined, indicates that the ustat system call is

?C: available to query file system statistics by dev\_t.

?C:.

?H:#\$d\_ustat HAS\_USTAT /\*\*/

?H:.

?LINT:set d\_ustat

: see if ustat exists

set ustat d\_ustat

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ustat.U
```

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?RCS: \$Id: i\_sysparam.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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 ?RCS: of the source tree for dist 4.0.  
 ?RCS:  
 ?RCS: \$Log: i\_sysparam.U,v \$  
 ?RCS: Revision 3.0.1.1 1994/08/29 16:22:43 ram  
 ?RCS: patch32: created  
 ?RCS:  
 ?MAKE:i\_sysparam: Inhdr  
 ?MAKE: -pick add \$@ %<  
 ?S:i\_sysparam:  
 ?S: This variable conditionally defines the I\_SYS\_PARAM symbol, and indicates  
 ?S: whether a C program should include <sys/param.h>.  
 ?S:.  
 ?C:I\_SYS\_PARAM:  
 ?C: This symbol, if defined, indicates to the C program that it should  
 ?C: include <sys/param.h>.  
 ?C:.  
 ?H:#\$i\_sysparam I\_SYS\_PARAM /\*\*/  
 ?H:.  
 ?LINT:set i\_sysparam  
 : see if this is a sys/param system  
 set sys/param.h i\_sysparam  
 eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_sysparam.U

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?RCS:

?MAKE:d\_fdim: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fdim:

?S: This variable conditionally defines the HAS\_FDIM symbol, which

?S: indicates to the C program that the fdim() routine is available.

?S:.

?C:HAS\_FDIM:

?C: This symbol, if defined, indicates that the fdim routine is

?C: available to do the positive difference function.

?C:.

?H:#\$d\_fdim HAS\_FDIM /\*\*/  
 ?H:.

?LINT:set d\_fdim

: see if fdim exists

```
set fdim d_fdim
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fdim.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2019 Karl Williamson

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_towupper: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_towupper:

?S: This variable conditionally defines the HAS\_TOWUPPER symbol, which

?S: indicates to the C program that the towupper() routine is available.

?S:.

?C:HAS\_TOWUPPER:

?C: This symbol, if defined, indicates that the towupper () routine is

?C: available to do case conversion.

?C:.

?H:#\$d\_towupper HAS\_TOWUPPER /\*\*/

?H:.

?LINT:set d\_towupper

: see if towupper exists

set towupper d\_towupper

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_towupper.U
```

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_safemcpy.U,v \$

?RCS: Revision 3.0.1.5 1997/02/28 15:41:12 ram  
?RCS: patch61: improved overlapping copy check  
?RCS: patch61: comfort them if they have memmove  
?RCS: patch61: added ?F: metalint hint  
?RCS:  
?RCS: Revision 3.0.1.4 1995/07/25 13:58:46 ram  
?RCS: patch56: re-arranged compile line to include ldflags before objects  
?RCS:  
?RCS: Revision 3.0.1.3 1995/03/21 08:47:26 ram  
?RCS: patch52: swapped two first arguments of memcpy() calls  
?RCS:  
?RCS: Revision 3.0.1.2 1994/10/29 16:15:10 ram  
?RCS: patch36: added 'ldflags' to the test compile line (ADO)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/05/06 14:53:12 ram  
?RCS: patch23: ensure string is not optimized in read-only memory (ADO)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:06:58 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_safemcpy: cat d\_memcpy +cc +optimize +ccflags +libs +ldflags rm \  
d\_memmove i\_memory i\_stdlib i\_string i\_unistd Oldconfig Setvar  
?MAKE:-pick add \$@ %<  
?S:d\_safemcpy:  
?S: This variable conditionally defines the HAS\_SAFE\_MEMCPY symbol if  
?S: the memcpy() routine can do overlapping copies.  
?S:.  
?C:HAS\_SAFE\_MEMCPY (SAFE\_MEMCPY):  
?C: This symbol, if defined, indicates that the memcpy routine is available  
?C: to copy potentially overlapping memory blocks. Otherwise you should  
?C: probably use memmove() or memcpy(). If neither is defined, roll your  
?C: own version.  
?C:.  
?H:#\$d\_safemcpy HAS\_SAFE\_MEMCPY /\*\*/  
?H:.  
?F:!safemcpy  
?LINT: set d\_safemcpy  
: can memcpy handle overlapping blocks?  
?X: assume the worst  
val="\$undef"  
case "\$d\_memcpy" in  
"\$define")  
echo " "  
echo "Checking to see if your memcpy() can do overlapping copies..." >&4  
\$cat >foo.c <<EOCP  
#\$i\_memory I\_MEMORY  
#\$i\_stdlib I\_STDLIB  
#\$i\_string I\_STRING

```

#$_unistd I_UNISTD
EOCP
$cat >>foo.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
# include <memory.h>
#endif
#ifdef I_STDLIB
# include <stdlib.h>
#endif
#ifdef I_STRING
# include <string.h>
#else
# include <strings.h>
#endif
#ifdef I_UNISTD
# include <unistd.h> /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

/* Copy "abcde..." string to char abc[] so that gcc doesn't
try to store the string in read-only memory. */
memcpy(abc, "abcdefghijklmnopqrstuvwxy0123456789", 36);

for (align = 7; align >= 0; align--) {
for (len = 36; len; len--) {
b = buf+align;
memcpy(b, abc, len);
for (off = 1; off <= len; off++) {
memcpy(b+off, b, len);
memcpy(b, b+off, len);
if (memcmp(b, abc, len))
exit(1);
}
}
}
exit(0);
}
EOCP
if $cc $optimize $ccflags $ldflags \
-o safemcpy foo.c $libs >/dev/null 2>&1; then
if ./safemcpy 2>/dev/null; then

```



```

echo "Yes, it can."
val="$define"
else
echo "It can't, sorry."
case "$d_memmove" in
"$define") echo "But that's Ok since you have memmove()." ;;
esac
fi
else
echo "(I can't compile the test program, so we'll assume not...)"
case "$d_memmove" in
"$define") echo "But that's Ok since you have memmove()." ;;
esac
fi
;;
esac
$rm -f foo.* safemcpy core
set d_safemcpy
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_safemcpy.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Rcs.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: Rcs.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:15 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This is a unit that helps people who write SH scripts and keep them under

?X: RCS, but don't think to protect the \$Log and other \$Id keywords from

?X: variable substitution (or people like me who do not like to).

?X:

?MAKE: Author Date Header Id Locker Log RCSfile Revision Source State: Oldconfig

?MAKE: -pick weed \$@ %<

?LINT: describe Author Date Header Id Locker Log RCSfile Revision Source State

: preserve RCS keywords in files with variable substitution, grrr

?Author:Author='\$Author'  
?Date:Date='\$Date'  
?Header:Header='\$Header'  
?Id:Id='\$Id'  
?\$Locker'  
?Log:Log='\$Log'  
?RCSfile:RCSfile='\$RCSfile'  
?Revision:Revision='\$Revision'  
?Source:Source='\$Source'  
?State:State='\$State'

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Rcs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_stddef.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: i\_stddef.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:08:27 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:i\_stddef: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_stddef:  
?S: This variable conditionally defines the I\_STDDEF symbol, which  
?S: indicates to the C program that <stddef.h> exists and should  
?S: be included.  
?S:.  
?C:I\_STDDEF:  
?C: This symbol, if defined, indicates that <stddef.h> exists and should  
?C: be included.  
?C:.  
?H:#\$i\_stddef I\_STDDEF /\*\*/  
?H:.  
?LINT:set i\_stddef  
: see if stddef is available  
set stddef.h i\_stddef  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_stddef.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?RCS: \$Log: yacc.U,v \$

?RCS: Revision 3.0.1.1 1994/05/13 15:28:48 ram

?RCS: patch27: added byacc as another alternative (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:10:03 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:yacc yaccflags: Guess Myread Loc Oldconfig yacc bison cat test

?MAKE: -pick add \$@ %<

?S:yacc:

?S: This variable holds the name of the compiler compiler we

?S: want to use in the Makefile. It can be yacc, byacc, or bison -y.

?S:.

?S:yaccflags:

?S: This variable contains any additional yacc flags desired by the

?S: user. It is up to the Makefile to use this.

?S:.

?T:comp

: determine compiler compiler

echo " "

comp='yacc'

if \$test -f "\$byacc\$\_exe"; then

comp="byacc or \$comp"

fi

if \$test -f "\$bison\$\_exe"; then

comp="\$comp or bison -y"

fi

case "\$yacc" in

")

yacc=`./loc yacc yacc \$pth`

if \$test -f "\$yacc\$\_exe"; then

dflt='yacc'

elif \$test -f "\$byacc\$\_exe"; then

```

    dflt='byacc'
elif $test -f "$bison$_exe"; then
    dflt='bison'
else
    dflt=""
fi
;;
*) dflt="$yacc";;
esac
rp="Which compiler compiler ($comp) shall I use?"
./myread
yacc="$ans"
case "$yacc" in
*bis*)
    case "$yacc" in
*_y*) ;;
*)
    yacc="$yacc -y"
    echo "(Adding -y option to bison to get yacc-compatible behaviour.)"
    ;;
esac
;;
esac

```

```

@if yaccflags
: see if we need extra yacc flags
dflt="$yaccflags"
case "$dflt" in
") dflt=none;;
esac
$cat <<EOH

```

Your yacc program may need extra flags to normally process the parser sources. Do NOT specify any -d or -v flags here, since those are explicitly known by the various Makefiles. However, if your machine has strange/undocumented options (like -Sr# on SCO to specify the maximum number of grammar rules), then please add them here. To use no flags, specify the word "none".

```

EOH
rp="Any additional yacc flags?"
./myread
case "$ans" in
none) yaccflags="";;
*) yaccflags="$ans";;
esac

@end

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/yacc.U

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?RCS: \$Id: d\_waitpid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: d\_waitpid.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:02 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_waitpid: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_waitpid:

?S: This variable conditionally defines HAS\_WAITPID if waitpid() is

?S: available to wait for child process.

?S:.

?C:HAS\_WAITPID (WAITPID):

?C: This symbol, if defined, indicates that the waitpid routine is

?C: available to wait for child process.

?C:.

?H:#\$d\_waitpid HAS\_WAITPID /\*\*/

?H:.

?LINT:set d\_waitpid

: see if waitpid exists

set waitpid d\_waitpid

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_waitpid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: warnflags.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root  
 ?RCS: of the source tree for dist 4.0.  
 ?RCS:  
 ?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>  
 ?RCS:  
 ?RCS: \$Log: warnflags.U,v \$  
 ?RCS: Revision 3.0 1993/08/18 12:10:02 ram  
 ?RCS: Baseline for dist 3.0 netwide release.  
 ?RCS:  
 ?MAKE:warnflags: cat cc contains Myread Guess Oldconfig Findhdr  
 ?MAKE: -pick add \$@ %<  
 ?S:warnflags:  
 ?S: This variable contains any additional C compiler flags to generate  
 ?S: warnings from the compiler. It is up to the Makefile to use this.  
 ?S:.  
 : offer additional warning flags for compilation  
 \$cat <<EOH

You may wish to compile with extra compiler warnings enabled.  
 Note that doing so enhances your chance of receiving your free set of steak  
 knives, particularly if you find any bugs and report them.  
 If you don't want extra warnings, answer "none".

```
EOH
case "$warnflags" in
  *) case "$cc" in
      *gcc*)
        dflt="-Wall -Wno-comment"
        if $contains 'fprintf' `./findhdr stdio.h` >/dev/null 2>&1; then
          :
        else
          dflt="$dflt -Wno-implicit"
        fi
      ;;
      *) dflt="none";;
    esac
  ;;
  *) dflt="none";;
  *) dflt="$warnflags";;
esac
```

```
rp="Any $cc flags to enable warnings?"
./myread
case "$ans" in
  none) warnflags=' ';;
  *) warnflags="$ans";;
esac
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/warnflags.U

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Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_nl\_langinfo\_l.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_isfinite.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_pthratrj.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_isnan.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fcntl\_can\_lock.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_strtoll.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/ebcdic/ebcdic.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/time\_size.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_stdbool.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_dlssymun.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_union\_semun.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_futimes.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_ptrdiff\_t.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_strtoull.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_off64\_t.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_isless.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_pthread\_atfork.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_isnormal.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fpos64\_t.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_libm\_lib\_version.U

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_longlong.U
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtouq.U
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_signbit.U
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_cplusplus.U
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_prctl.U
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_pthread_y.U
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isinf.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_drand48proto: Hasproto i\_stdlib i\_unistd

?MAKE: -pick add \$@ %<

?S:d\_drand48proto:

?S: This variable conditionally defines the HAS\_DRAND48\_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the drand48() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS\_DRAND48\_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the drand48() function. Otherwise, it is up

?C: to the program to supply one. A good guess is

?C: extern double drand48(void);

?C:.

?H:#\$d\_drand48proto HAS\_DRAND48\_PROTO /\*\*/

?H:.

?LINT:set d\_drand48proto

: see if prototype for drand48 is available

echo " "

set d\_drand48proto drand48 \$i\_stdlib stdlib.h \$i\_unistd unistd.h

eval \$hasproto



Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d\_drand48proto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: patchlevel.U,v 3.0.1.1 1997/02/28 16:18:41 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: patchlevel.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:18:41 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:31 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:patchlevel revision version subversion \

perl\_patchlevel version\_patchlevel\_string \

api\_revision api\_version api\_subversion api\_versionstring: \

package test rsrc echo awk osname

?MAKE: -pick add \$@ %<

?S:revision:

?S: The value of revision comes from the patchlevel.h file.

?S: In a version number such as 5.6.1, this is the "5".

?S: In patchlevel.h, this is referred to as "PERL\_REVISION".

?S:.

?S:patchlevel:

?S: The patchlevel level of this package.

?S: The value of patchlevel comes from the patchlevel.h file.

?S: In a version number such as 5.6.1, this is the "6".

?S: In patchlevel.h, this is referred to as "PERL\_VERSION".

?S:.

?S:subversion:

?S: The subversion level of this package.

?S: The value of subversion comes from the patchlevel.h file.

?S: In a version number such as 5.6.1, this is the "1".

?S: In patchlevel.h, this is referred to as "PERL\_SUBVERSION".

?S: This is unique to perl.

?S:.

?S:version:

?S: The full version number of this package, such as 5.6.1 (or 5\_6\_1).

?S: This combines revision, patchlevel, and subversion to get the  
?S: full version number, including any possible subversions.  
?S: This is suitable for use as a directory name, and hence is  
?S: filesystem dependent.  
?S:.  
?S:api\_revision:  
?S: The three variables, api\_revision, api\_version, and  
?S: api\_subversion, specify the version of the oldest perl binary  
?S: compatible with the present perl. In a full version string  
?S: such as '5.6.1', api\_revision is the '5'.  
?S: Prior to 5.5.640, the format was a floating point number,  
?S: like 5.00563.  
?S:  
?S: perl.c:incpush() and lib/lib.pm will automatically search in  
?S: \$sitelib/. for older directories back to the limit specified  
?S: by these api\_ variables. This is only useful if you have a  
?S: perl library directory tree structured like the default one.  
?S: See INSTALL for how this works. The versioned site\_perl  
?S: directory was introduced in 5.005, so that is the lowest  
?S: possible value. The version list appropriate for the current  
?S: system is determined in inc\_version\_list.U.  
?S:  
?S: XXX To do: Since compatibility can depend on compile time  
?S: options (such as bincompat, longlong, etc.) it should  
?S: (perhaps) be set by Configure, but currently it isn't.  
?S: Currently, we read a hard-wired value from patchlevel.h.  
?S: Perhaps what we ought to do is take the hard-wired value from  
?S: patchlevel.h but then modify it if the current Configure  
?S: options warrant. patchlevel.h then would use an #ifdef guard.  
?S:.  
?S:api\_version:  
?S: The three variables, api\_revision, api\_version, and  
?S: api\_subversion, specify the version of the oldest perl binary  
?S: compatible with the present perl. In a full version string  
?S: such as '5.6.1', api\_version is the '6'. See api\_revision for  
?S: full details. As a special case, 5.5.0 is rendered in the  
?S: old-style as 5.005. (In the 5.005\_0x maintenance series,  
?S: this was the only versioned directory in \$sitelib.)  
?S:.  
?S:api\_subversion:  
?S: The three variables, api\_revision, api\_version, and  
?S: api\_subversion, specify the version of the oldest perl binary  
?S: compatible with the present perl. In a full version string  
?S: such as '5.6.1', api\_subversion is the '1'. See api\_revision for  
?S: full details.  
?S:.  
?S:api\_versionstring:  
?S: This variable combines api\_revision, api\_version, and

?S: api\_subversion in a format such as 5.6.1 (or 5\_6\_1) suitable  
 ?S: for use as a directory name. This is filesystem dependent.  
 ?S:.  
 ?S:perl\_patchlevel:  
 ?S: This is the Perl patch level, a numeric change identifier,  
 ?S: as defined by whichever source code maintenance system  
 ?S: is used to maintain the patches; currently Perforce.  
 ?S: It does not correlate with the Perl version numbers or  
 ?S: the maintenance versus development dichotomy except  
 ?S: by also being increasing.  
 ?S:.  
 ?S:version\_patchlevel\_string:  
 ?S: This is a string combining version, subversion and  
 ?S: perl\_patchlevel (if perl\_patchlevel is non-zero).  
 ?S: It is typically something like  
 ?S: 'version 7 subversion 1' or  
 ?S: 'version 7 subversion 1 patchlevel 11224'  
 ?S: It is computed here to avoid duplication of code in myconfig.SH  
 ?S: and lib/Config.pm.  
 ?S:.  
 ?LINT:extern LC\_ALL  
 ?LINT:extern LANGUAGE  
 : get the patchlevel  
 echo " "  
 echo "Getting the current patchlevel..." >&4  
 if \$test -r \$src/patchlevel.h;then  
 revision=`awk '/define[ ]+PERL\_REVISION/ {print \$3}' \$src/patchlevel.h`  
 patchlevel=`awk '/define[ ]+PERL\_VERSION/ {print \$3}' \$src/patchlevel.h`  
 subversion=`awk '/define[ ]+PERL\_SUBVERSION/ {print \$3}' \$src/patchlevel.h`  
 api\_revision=`awk '/define[ ]+PERL\_API\_REVISION/ {print \$3}' \$src/patchlevel.h`  
 api\_version=`awk '/define[ ]+PERL\_API\_VERSION/ {print \$3}' \$src/patchlevel.h`  
 api\_subversion=`awk '/define[ ]+PERL\_API\_SUBVERSION/ {print \$3}' \$src/patchlevel.h`  
 perl\_patchlevel=`egrep ',(MAINT|SMOKE)[0-9][0-9]\*"' \$src/patchlevel.h|tail -1|sed 's/[^0-9]//g`  
 else  
 revision=0  
 patchlevel=0  
 subversion=0  
 api\_revision=0  
 api\_version=0  
 api\_subversion=0  
 perl\_patchlevel=0  
 \$echo "(You do not have patchlevel.h. Eek.)"  
 fi  
 : Define a handy string here to avoid duplication in myconfig.SH and configpm.  
 version\_patchlevel\_string="version \$patchlevel subversion \$subversion"  
 case "\$perl\_patchlevel" in  
 0|") ;;  
 \*) perl\_patchlevel=`echo \$perl\_patchlevel | sed 's/.\*/'"`

```

    version_patchlevel_string="$version_patchlevel_string patch $perl_patchlevel"
    ;;
esac

$echo "(You have $package $version_patchlevel_string.)"

case "$osname" in
dos|vms)
: XXX Should be a Configure test for double-dots in filenames.
version=`echo $revision $patchlevel $subversion | \
    $awk '{ printf "%d_%d_%d", $1, $2, $3 }`
api_versionstring=`echo $api_revision $api_version $api_subversion | \
    $awk '{ printf "%d_%d_%d", $1, $2, $3 }`
    ;;
*)
version=`echo $revision $patchlevel $subversion | \
    $awk '{ printf "%d.%d.%d", $1, $2, $3 }`
api_versionstring=`echo $api_revision $api_version $api_subversion | \
    $awk '{ printf "%d.%d.%d", $1, $2, $3 }`
    ;;
esac
: Special case the 5.005_xx maintenance series, which used 5.005
: without any subversion label as a subdirectory in $sitelib
if test "${api_revision}${api_version}${api_subversion}" = "550"; then
    api_versionstring='5.005'
fi

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/patchlevel.U

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_exp2: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_exp2:

?S: This variable conditionally defines the HAS\_EXP2 symbol, which

?S: indicates to the C program that the exp2() routine is available.

?S:.

?C:HAS\_EXP2:

?C: This symbol, if defined, indicates that the exp2 routine is

?C: available to do the 2\*\*x function.

?C:.

?H:#\$d\_exp2 HAS\_EXP2 /\*\*/

?H:.

?LINT:set d\_exp2

```
: see if exp2 exists
set exp2 d_exp2
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_exp2.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_time.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:45 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit finds which "time" include to use. If 'timezone' is used by the

?X: program, we also try to find which header should be included. Eventually,

?X: we look for <sys/select.h> if I\_SYSSSELECT is used, to get struct timeval.

?X:

?MAKE:i\_time i\_systime i\_systimek timeincl: cat cc cflags contains rm\_try \

echo n c +i\_sysselect Findhdr

?MAKE: -pick add \$@ %<

?S:i\_time:

?S: This variable conditionally defines I\_TIME, which indicates

?S: to the C program that it should include <time.h>.

?S:.

?S:i\_systime:

?S: This variable conditionally defines I\_SYS\_TIME, which indicates

?S: to the C program that it should include <sys/time.h>.

?S:.

?S:i\_systimek:

?S: This variable conditionally defines I\_SYS\_TIME\_KERNEL, which

?S: indicates to the C program that it should include <sys/time.h>

?S: with KERNEL defined.

?S:.

?S:timeincl:

?S: This variable holds the full path of the included time header(s).

?S:.

?C:I\_TIME (USE\_TIME\_H):

```

?C: This symbol, if defined, indicates to the C program that it should
?C: include <time.h>.
?C:.
?C:I_SYS_TIME (I_SYSTIME USE_SYS_TIME_H NO_TIME_WITH_SYS_TIME):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/time.h>.
?C:.
?C:I_SYS_TIME_KERNEL (I_SYSTIMEKERNEL):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/time.h> with KERNEL defined.
?C:.
?H:#$i_time I_TIME /**/
?H:#$i_sys_time I_SYS_TIME /**/
?H:#$i_sys_timek I_SYS_TIME_KERNEL /**/
?H:.
?W::timezone
?T:xselect flags sysselect s_timeval s_timezone
?LINT:change i_sysselect
: see if we should include time.h, sys/time.h, or both
echo " "
echo "Testing to see if we should include <time.h>, <sys/time.h> or both." >&4
$echo $n "I'm now running the test program...$c"
$cat >try.c <<'EOCP'
#include <sys/types.h>
#ifdef I_TIME
#include <time.h>
#endif
#ifdef I_SYSTIME
#ifdef SYSTIMEKERNEL
#define KERNEL
#endif
#include <sys/time.h>
#endif
#ifdef I_SYSSSELECT
#include <sys/select.h>
#endif
int main()
{
    struct tm foo;
#ifdef S_TIMEVAL
    struct timeval bar;
#endif
#ifdef S_TIMEZONE
    struct timezone tzp;
#endif
    if (foo.tm_sec == foo.tm_sec)
        exit(0);
#ifdef S_TIMEVAL

```

```

if (bar.tv_sec == bar.tv_nsec)
    exit(0);
#endif
exit(1);
}
EOCP
flags=""
@if I_SYSSELECT
if $contains 'timeval.*{' `./findhdr sys/select.h` >/dev/null 2>&1; then
    xselect='-DI_SYSSELECT'
else
    xselect=""
fi
@end
@if timezone
for s_timezone in '-DS_TIMEZONE' "; do
@else
s_timezone=""
@end
?X: Every package is given a try with 'struct timeval'
@if I_SYSSELECT
for sysselect in $xselect "; do
@else
sysselect=""
@end
for s_timeval in '-DS_TIMEVAL' "; do
for i_systimek in "-DSYSTIMEKERNEL"; do
for i_time in "-DI_TIME"; do
for i_systime in '-DI_SYSTIME' "; do
case "$flags" in
") $echo $n ".$.c"
if $cc $ccflags \
$i_time $i_systime $i_systimek $sysselect $s_timeval $s_timezone \
-o try try.c >/dev/null 2>&1 ; then
set X $i_time $i_systime $i_systimek $sysselect $s_timeval
shift
flags="$*"
echo " "
$echo $n "Succeeded with $flags$c"
fi
;;
esac
done
done
done
done
done
@if I_SYSSELECT
done

```

```

@end
@if timezone
done
@end
timeincl="
echo " "
case "$flags" in
*SYSTIMEKERNEL*) i_systimek="$define"
timeincl=`./findhdr sys/time.h`
echo "We'll include <sys/time.h> with KERNEL defined." >&4;;
*) i_systimek="$undef";;
esac
case "$flags" in
*I_TIME*) i_time="$define"
timeincl=`./findhdr time.h`" $timeincl"
echo "We'll include <time.h>." >&4;;
*) i_time="$undef";;
esac
case "$flags" in
*I_SYSTIME*) i_systime="$define"
timeincl=`./findhdr sys/time.h`" $timeincl"
echo "We'll include <sys/time.h>." >&4;;
*) i_systime="$undef";;
esac
@if I_SYSSSELECT
case "$flags" in
*I_SYSSSELECT*) i_syssselct="$define"
timeincl=`./findhdr sys/select.h`" $timeincl"
echo "We'll also include <sys/select.h> to get struct timeval." >&4;;
*) case "$i_syssselct" in
") i_syssselct="$undef";;
esac
esac
@end
$rm_try

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_time.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_tzmin.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_tzmin.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:16:58 ram

?RCS: patch36: call ./bsd explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:49 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_tzmin: contains cppstdin cppminus timeincl rm Setvar Guess

?MAKE: -pick add \$@ %<

?S:d\_tzmin:

?S: This symbol conditionally defines TZ\_MINUTESWEST if the system uses

?S: tz\_minuteswest in time header instead of timezone.

?S:.

?C:TZ\_MINUTESWEST:

?C: This symbol is defined if this system uses tz\_minuteswest

?C: in time header instead of timezone.

?C: If not defined, you may have to use struct timeb and ftime() rather

?C: than the new gettimeofday() system call.

?C:.

?H:#\$d\_tzmin TZ\_MINUTESWEST /\*\*/

?H:.

?LINT:set d\_tzmin

: see if tz\_minuteswest is defined in time header

echo " "

val="\$undef"

\$cppstdin \$cppminus < \$timeincl > try 2>&1

if \$contains 'tz\_minuteswest' try >/dev/null 2>&1; then

echo "You have tz\_minuteswest defined in \$timeincl rather than timezone." >&4

val="\$define"

elif \$contains 'timezone' try >/dev/null 2>&1; then

echo "You have timezone defined in \$timeincl rather than tz\_minuteswest." >&4

else

echo "Your \$timeincl file looks strange." >&4

fi

if ./bsd; then

case "\$d\_tzmin" in

"\$undef") echo "(Maybe your system is an USG one after all?)";;

esac

fi

set d\_tzmin

eval \$setvar

\$rm -f try

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/d\_tzmin.U

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: lns.U,v \$

?RCS: Revision 3.0.1.1 1994/06/20 07:05:52 ram

?RCS: patch30: created by ADO

?RCS:

?MAKE:issymlink: lns test rm

?MAKE: -pick add @\$@ %<

?S:issymlink:

?S: This variable holds the test command to test for a symbolic link

?S: (if they are supported). Typical values include 'test -h' and

?S: 'test -L'.

?S:.

?T:pth p

?LINT:change PATH test

?LINT:extern newsh

: determine whether symbolic links are supported

echo " "

case "\$lns" in

\*"ln\*" -s")

echo "Checking how to test for symbolic links..." >&4

\$lns blurfl sym

if \$test "X\$issymlink" = X; then

?X:

?X: In some AIX 4 versions the (ksh) builtin test (-h) is broken.

?X:

case "\$newsh" in

") sh -c "PATH= test -h sym" >/dev/null 2>&1 ;;

\*) \$newsh -c "PATH= test -h sym" >/dev/null 2>&1 ;;

esac

if test \$? = 0; then

issymlink="test -h"

else

echo "Your builtin 'test -h' may be broken." >&4

case "\$stest" in

```

/*) ;;
*) pth=`echo $PATH | sed -e "s/$p_/ /g"`
for p in $pth
do
if test -f "$p/$test"; then
test="$p/$test"
break
fi
done
;;
esac
case "$test" in
/*)
echo "Trying external '$test -h.'" >&4
issymLink="$test -h"
if $test ! -h sym >/dev/null 2>&1; then
echo "External '$test -h' is broken, too." >&4
issymLink=""
fi
;;
*) issymLink="" ;;
esac
fi
fi
if $test "X$issymLink" = X; then
if $test -L sym 2>/dev/null; then
issymLink="$test -L"
echo "The builtin '$test -L' worked." >&4
fi
fi
if $test "X$issymLink" != X; then
echo "You can test for symbolic links with '$issymLink'." >&4
else
echo "I do not know how you can test for symbolic links." >&4
fi
$rm -f blurfl sym
;;
*) echo "No symbolic links, so not testing for their testing..." >&4
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/issymLink.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sitebin.U,v \$

?RCS:

```

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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: sitebin.U,v $
?RCS:
?MAKE:sitebin sitebinexp installsitebin : Getfile Oldconfig \
  Setprefixvar siteprefix
?MAKE: -pick add $@ %<
?Y:TOP
?D:sitebin="
?S:sitebin:
?S: This variable holds the name of the directory in which the user wants
?S: to put add-on publicly executable files for the package in question. It
?S: is most often a local directory such as /usr/local/bin. Programs using
?S: this variable must be prepared to deal with ~name substitution.
?S: The standard distribution will put nothing in this directory.
?S: After perl has been installed, users may install their own local
?S: executables in this directory with
?S: MakeMaker Makefile.PL
?S: or equivalent. See INSTALL for details.
?S:.
?D:sitebinexp="
?S:sitebinexp:
?S: This is the same as the sitebin variable, but is filename expanded at
?S: configuration time, for use in your makefiles.
?S:.
?D:installsitebin="
?S:installsitebin:
?S: This variable is usually the same as sitebinexp, unless you are on
?S: a system running AFS, in which case they may differ slightly. You
?S: should always use this variable within your makefiles for portability.
?S:.
?LINT:change prefixvar
?LINT:set installsitebin
?LINT:set sitebin
?LINT:set sitebinexp
: determine where add-on public executables go
case "$sitebin" in
") dflt=$siteprefix/bin ;;
*) dflt=$sitebin ;;
esac
fn=d~
rp='Pathname where the add-on public executables should be installed?'

```

```
./getfile
prefixvar=sitebin
./setprefixvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitebin.U
```

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?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d\_inetntop: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_inetntop:

?S: This variable conditionally defines the HAS\_INETNTOP symbol,

?S: which indicates to the C program that the inet\_ntop() function

?S: is available.

?S:.

?C:HAS\_INETNTOP:

?C: This symbol, if defined, indicates that the inet\_ntop() function

?C: is available to parse IPv4 and IPv6 strings.

?C:.

?H:#\$d\_inetntop HAS\_INETNTOP /\*\*/

?H:.

?LINT:set d\_inetntop

: see if inet\_ntop exists

set inet\_ntop d\_inetntop

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_inetntop.U
```

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?RCS: \$Id: lintlib.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

```

?RCS:
?RCS: $Log: lintlib.U,v $
?RCS: Revision 3.0 1993/08/18 12:09:05 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:lintlib lintlibexp: Getfile Loc Oldconfig
?MAKE: -pick add $@ %<
?S:lintlib:
?S: This variable holds the name of the directory in which the user wants
?S: to put public lint-library files for the package in question. It is
?S: most often a local directory such as /usr/local/lib/lint. Programs using
?S: this variable must be prepared to deal with ~name expansion.
?S:.
?S:lintlibexp:
?S: This variable is the same as the lintlib variable, but is filename
?S: expanded at configuration time, for convenient use in your makefiles.
?S:.
: determine where public lint libraries go
case "$lintlib" in
") dflt=`/loc . ." /usr/local/lib/lint /usr/lib/lint /usr/lib`;
*) dflt="$lintlib" ;;
esac
echo " "
fn=d~
rp='Where do you want to put the public lint libraries?'
./getfile
lintlib="$ans"
lintlibexp="$ansexp"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lintlib.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: bin.U,v 3.1 1999/07/09 18:20:13 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: bin.U,v $
?RCS: Revision 3.1 1999/07/09 18:20:13 doughera
?RCS: Updated for installprefix
?RCS:

```

?RCS: Revision 3.0.1.4 1995/09/25 09:15:32 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.3 1995/01/30 14:32:40 ram

?RCS: patch49: can now handle installation prefix changes (from WED)

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:05:28 ram

?RCS: patch32: now uses installation prefix

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 15:56:51 ram

?RCS: patch10: made prompting more explicit (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:26 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:bin binexp installbin userelocatableinc initialinstalllocation: \  
 Myread Prefixit Getfile Setvar Setprefixvar Oldconfig \  
 test prefix prefixexp

?MAKE: -pick add \$@ %<

?Y:TOP

?D:bin="

?S:bin:

?S: This variable holds the name of the directory in which the user wants  
 ?S: to put publicly executable images for the package in question. It  
 ?S: is most often a local directory such as /usr/local/bin. Programs using  
 ?S: this variable must be prepared to deal with ~name substitution.

?S:.

?D:binexp="

?S:binexp:

?S: This is the same as the bin variable, but is filename expanded at  
 ?S: configuration time, for use in your makefiles.

?S:.

?D:installbin="

?S:installbin:

?S: This variable is the same as binexp unless AFS is running in which case  
 ?S: the user is explicitly prompted for it. This variable should always  
 ?S: be used in your makefiles for maximum portability.

?S:.

?D:userelocatableinc="

?S:userelocatableinc:

?S: This variable is set to true to indicate that perl should relocate  
 ?S: @INC entries at runtime based on the path to the perl binary.  
 ?S: Any @INC paths starting ".../" are relocated relative to the directory  
 ?S: containing the perl binary, and a logical cleanup of the path is then  
 ?S: made around the join point (removing "dir/.." pairs)

?S:.

?S:initialinstalllocation:

?S: When userelocatableinc is true, this variable holds the location

?S: that make install should copy the perl binary to, with all the  
?S: run-time relocatable paths calculated from this at install time.  
?S: When used, it is initialized to the original value of binexp, and  
?S: then binexp is set to '.../', as the other binaries are found  
?S: relative to the perl binary.  
?S:.  
?C:BIN:  
?C: This symbol holds the path of the bin directory where the package will  
?C: be installed. Program must be prepared to deal with ~name substitution.  
?C:.  
?C:BIN\_EXP:  
?C: This symbol is the filename expanded version of the BIN symbol, for  
?C: programs that do not want to deal with that at run-time.  
?C:.  
?C:PERL\_RELOCATABLE\_INC:  
?C: This symbol, if defined, indicates that we'd like to relocate entries  
?C: in @INC at run time based on the location of the perl binary.  
?C:.  
?H:#define BIN "\$bin" /\*\*/  
?H:#define BIN\_EXP "\$binexp" /\*\*/  
?H:#define PERL\_RELOCATABLE\_INC "\$userelocatableinc" /\*\*/  
?H:.  
?D:bin='/usr/local/bin'  
?LINT:change prefix  
?LINT:change prefixexp  
?LINT:change prefixvar  
?LINT:change installprefixexp  
?LINT:set userelocatableinc  
: determine where public executables go  
echo " "  
set dflt bin bin  
eval \$prefixit  
fn=d~  
rp='Pathname where the public executables will reside?'  
./getfile  
if \$test "X\$ansexp" != "X\$binexp"; then  
installbin="  
fi  
prefixvar=bin  
: XXX Bug? -- ignores Configure -Dinstallprefix setting.  
: XXX If this is fixed, also fix the "start perl" hunk below, which relies on  
: this via initialinstalllocation  
./setprefixvar  
  
case "\$userelocatableinc" in  
\$define|true|[yY]\*) dflt='y' ;;  
\*) dflt='n' ;;  
esac



```
cat <<EOM
```

Would you like to build Perl so that the installation is relocatable, so that library paths in @INC are determined relative to the path of the perl binary? This is not advised for system Perl installs, or if you need to run setid scripts or scripts under taint mode.

If this doesn't make any sense to you, just accept the default '\$dflt'.

```
EOM
```

```
rp='Use relocatable @INC?'
```

```
./myread
```

```
case "$ans" in
```

```
y|Y) val="$define" ;;
```

```
*) val="$undef" ;;
```

```
esac
```

```
set userrelocatableinc
```

```
eval $setvar
```

```
initialinstalllocation="$binexp"
```

```
: Default prefix is now "up one level from where the binaries are"
```

```
case "$userrelocatableinc" in
```

```
$define|true|[yY]*)
```

```
  bin=".../"
```

```
  binexp=".../"
```

```
  prefix=".../"
```

```
  prefixexp=".../"
```

```
  installprefixexp=".../"
```

```
  ;;
```

```
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/bin.U
```

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```
?RCS: $Id: Getfile.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
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```

```
?RCS:
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```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Getfile.U,v $
```

```
?RCS: Revision 3.0.1.7 1997/02/28 15:01:06 ram
```

```
?RCS: patch61: getfile script now begins with "startsh"
```

?RCS:  
?RCS: Revision 3.0.1.6 1995/02/15 14:11:00 ram  
?RCS: patch51: was not working if ~'s allowed with d\_portable on (WED)  
?RCS:  
?RCS: Revision 3.0.1.5 1995/01/11 15:11:25 ram  
?RCS: patch45: added support for escaping answers to skip various checks  
?RCS: patch45: modified message issued after file expansion  
?RCS:  
?RCS: Revision 3.0.1.4 1994/10/29 15:53:19 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS:  
?RCS: Revision 3.0.1.3 1994/05/06 14:23:36 ram  
?RCS: patch23: getfile could be confused by file name in "locate" requests  
?RCS: patch23: new 'p' directive to assume file is in people's path (WED)  
?RCS:  
?RCS: Revision 3.0.1.2 1994/01/24 14:01:31 ram  
?RCS: patch16: added metalint hint on changed 'ans' variable  
?RCS:  
?RCS: Revision 3.0.1.1 1993/09/13 15:46:27 ram  
?RCS: patch10: minor format problems and misspellings fixed  
?RCS: patch10: now performs from package dir and not from UU subdir  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:04:56 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit produces a bit of shell code that must be dotted in in order  
?X: to get a file name and make some sanity checks. Optionally, a ~name  
?X: expansion is performed.  
?X:  
?X: To use this unit, \$rp and \$dflt must hold the question and the  
?X: default answer, which will be passed as-is to the myread script.  
?X: The \$fn variable must hold the file type (f or d, for file/directory).  
?X: If \$gfpth is set to a list of space-separated list of directories,  
?X: those are prefixes for the filename. Unless \$gfpthkeep is set to 'y',  
?X: gfpth is cleared on return from Getfile.  
?X:  
?X: If is is followed by a ~, then ~name substitution will occur. Upon return,  
?X: \$ans is set with the filename value. If a / is specified, then only a full  
?X: path name is accepted (but ~ substitution occurs before, if needed). The  
?X: expanded path name is returned in that case.  
?X:  
?X: If a + is specified, the existence checks are skipped. This usually means  
?X: the file/directory is under the full control of the program.  
?X:  
?X: If the 'n' (none) type is used, then the user may answer none.  
?X: The 'e' (expand) switch may be used to bypass d\_portable, expanding ~name.  
?X:

?X: If the 'l' (locate) type is used, then it must end with a ':' and then a  
?X: file name. If the answer is a directory, the file name will be appended  
?X: before testing for file existence. This is useful in locate-style  
?X: questions like "where is the active file?". In that case, one should  
?X: use:  
?X:  
?X: dflt=~news/lib'  
?X: fn=l~:active'  
?X: rp='Where is the active file?'  
?X: ./getfile  
?X: active="\$ans"  
?X:  
?X: If the 'p' (path) letter is specified along with 'l', then an answer  
?X: without a leading / will be expected to be found in everyone's path.  
?X:  
?X: It is also possible to include a comma-separated list of items within  
?X: parentheses to specify which items should be accepted as-is with no  
?X: further checks. This is useful when for instance a full path is expected  
?X: but the user may escape out via "magical" answers.  
?X:  
?X: If the answer to the question is 'none', then the existence checks are  
?X: skipped and the empty string is returned.  
?X:  
?MAKE:Getfile: d\_portable contains startsh Myread Filexp tr trnl  
?MAKE: -pick add \$@ %<  
?V:ansexp:fn gfpth gfpthkeep  
?F:./getfile  
?T:tilde type what orig\_rp orig\_dflt fullpath already redo skip none\_ok \  
value exp\_file nopath\_ok loc\_file fp pf dir direxp  
?LINT:change ans  
?LINT:change gfpth  
: now set up to get a file name  
cat <<EOS >getfile  
\$startsh  
EOS  
cat <<'EOSC' >>getfile  
tilde="  
fullpath="  
already="  
skip="  
none\_ok="  
exp\_file="  
nopath\_ok="  
orig\_rp="\$rp"  
orig\_dflt="\$dflt"  
case "\$gfpth" in  
") gfpth='.' ;;  
esac

?X: Begin by stripping out any (...) grouping.

```
case "$fn" in
*(*)
: getfile will accept an answer from the comma-separated list
: enclosed in parentheses even if it does not meet other criteria.
expr "$fn" : '.*(\(.*\)).*' | $tr '!' $trnl >getfile.ok
fn=`echo $fn | sed 's/(.*)/\'`
;;
esac
```

?X: Catch up 'locate' requests early, so that we may strip the file name

?X: before looking at the one-letter commands, in case the file name contains

?X: one of them. Reported by Wayne Davison <davison@borland.com>.

```
case "$fn" in
*:* )
loc_file=`expr $fn : '.*:(.*)'^
fn=`expr $fn : '\(.*\):.*'^
;;
esac
```

```
case "$fn" in
*~*) tilde=true;;
esac
```

```
case "$fn" in
*/*) fullpath=true;;
esac
```

```
case "$fn" in
*+*) skip=true;;
esac
```

```
case "$fn" in
*n*) none_ok=true;;
esac
```

```
case "$fn" in
*e*) exp_file=true;;
esac
```

```
case "$fn" in
*p*) nopath_ok=true;;
esac
```

```
case "$fn" in
*f*) type='File';;
*d*) type='Directory';;
*l*) type='Locate';;
esac
```

```
what="$type"
case "$what" in
```

```

Locate) what='File';
esac

case "$exp_file" in
")
case "$d_portable" in
"$define") ;;
*) exp_file=true;;
esac
;;
esac

cd ..
while test "$type"; do
redo="
rp="$orig_rp"
dflt="$orig_dflt"
case "$tilde" in
true) rp="$rp (~name ok)";;
esac
. UU/myread
?X: check for allowed escape sequence which may be accepted verbatim.
if test -f UU/getfile.ok && \
$contains "^$ans\$" UU/getfile.ok >/dev/null 2>&1
then
value="$ans"
ansexp="$ans"
break
fi
case "$ans" in
none)
value="
ansexp="
case "$none_ok" in
true) type="";;
esac
;;
*)
case "$tilde" in
") value="$ans"
ansexp="$ans";;
*)
value=`UU/filexp $ans`
case $? in
0)
if test "$ans" != "$value"; then
echo "(That expands to $value on this system.)"
fi

```

```

;;
*) value="$ans";;
esac
ansexp="$value"
case "$exp_file" in
") value="$ans";;
esac
;;
esac
case "$fullpath" in
true)
?X: Perform all the checks on ansexp and not value since when d_portable
?X: is defined, the original un-expanded answer which is stored in value
?X: would lead to "non-existent" error messages whilst ansexp has been
?X: properly expanded. -- Fixed by Jan.Djarv@sa.erisoft.se (Jan Djarv)
?X: Always expand ~user if '/' was requested
  case "$ansexp" in
  /*) value="$ansexp" ;;
?X: Allow for c:/some/path
[a-zA-Z]:/*) value="$ansexp" ;;
*)
redo=true
case "$already" in
true)
echo "I shall only accept a full path name, as in /bin/lis." >&4
echo "Use a ! shell escape if you wish to check pathnames." >&4
;;
*)
echo "Please give a full path name, starting with slash." >&4
case "$stilde" in
true)
echo "Note that using ~name is ok provided it expands well." >&4
already=true
;;
esac
esac
;;
esac
case "$redo" in
")
case "$styp" in
File)
for fp in $gfpth; do
if test "X$fp" = X.; then
pf="$ansexp"
else

```

```

    pf="$fp/$ansexp"
fi
if test -f "$pf"; then
    type="
elif test -r "$pf" || (test -h "$pf") >/dev/null 2>&1
then
    echo "($value is not a plain file, but that's ok.)"
    type="
fi
if test X"$type" = X; then
    value="$pf"
    break
fi
done
;;
Directory)
for fp in $gfpth; do
if test "X$fp" = X.; then
    dir="$ans"
    direxp="$ansexp"
else
    dir="$fp/$ansexp"
    direxp="$fp/$ansexp"
fi
if test -d "$direxp"; then
    type="
    value="$dir"
    break
fi
done
;;
Locate)
if test -d "$ansexp"; then
    echo "(Looking for $loc_file in directory $value.)"
    value="$value/$loc_file"
    ansexp="$ansexp/$loc_file"
fi
if test -f "$ansexp"; then
    type="
fi
case "$nopath_ok" in
true) case "$value" in
*/*) ;;
*) echo "Assuming $value will be in people's path."
    type="
    ;;
esac
;;

```

```

esac
;;
esac

case "$skip" in
true) type="";
esac

case "$type" in
") ;;
*)
if test "$fastread" = yes; then
dflt=y
else
dflt=n
fi
rp="$what $value doesn't exist. Use that name anyway?"
. UU/myread
dflt="
case "$ans" in
y*) type="";;
*) echo " ";;
esac
;;
esac
;;
esac
;;
esac
done
cd UU
ans="$value"
rp="$orig_rp"
dflt="$orig_dflt"
rm -f getfile.ok
test "X$gfpthkeep" != Xy && gfpth=""
EOSC

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Getfile.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS:

?RCS: \$Log: d\_shm.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:17 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_shm: test d\_shmctl d\_shmget d\_shmat d\_shmdt Setvar Findhdr

?MAKE: -pick add \$@ %<

?S:d\_shm:

?S: This variable conditionally defines the HAS\_SHM symbol, which

?S: indicates that the entire shm\*(2) library is present.

?S:.

?C:HAS\_SHM:

?C: This symbol, if defined, indicates that the entire shm\*(2) library is

?C: supported.

?C:.

?H:#\$d\_shm HAS\_SHM /\*\*/

?H:.

?T:h\_shm

?LINT:set d\_shm

: see how much of the 'shm\*(2)' library is present.

h\_shm=true

echo " "

case "\$d\_shmctl\$d\_shmget\$d\_shmat\$d\_shmdt" in  
\*"\$undef"\*) h\_shm=false;;

esac

: we could also check for sys/ipc.h ...

if \$h\_shm && \$test `./findhdr sys/shm.h`; then

echo "You have the full shm\*(2) library." >&4

val="\$define"

else

echo "You don't have the full shm\*(2) library." >&4

val="\$undef"

fi

set d\_shm

eval \$setvar

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-  
5.30.0/dist/U/d\_shm.U

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?RCS: \$Id: d\_uwait.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_uwait.U,v \$  
?RCS: Revision 3.0.1.1 1994/01/24 14:10:49 ram  
?RCS: patch16: added knowledge about wait3()  
?RCS: patch16: revised 'union wait' look-up algorithm  
?RCS: patch16: fixed make dependency line accordingly  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:07:54 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_uwait d\_uwait3: cat contains cppstdin cppminus +cppflags rm \  
Setvar Findhdr  
?MAKE: -pick add \$@ %<  
?S:d\_uwait:  
?S: This symbol conditionally defines UNION\_WAIT which indicates to the C  
?S: program that argument for the wait() system call should be declared as  
?S: 'union wait status' instead of 'int status'.  
?S:.  
?S:d\_uwait3:  
?S: This symbol conditionally defines UNION\_WAIT3 which indicates to the C  
?S: program that the first argument for the wait3() system call should be  
?S: declared as 'union wait status' instead of 'int status'.  
?S:.  
?C:UNION\_WAIT:  
?C: This symbol if defined indicates to the C program that the argument  
?C: for the wait() system call should be declared as 'union wait status'  
?C: instead of 'int status'. You probably need to include <sys/wait.h>  
?C: in the former case (see I\_SYSWAIT).  
?C:.  
?C:UNION\_WAIT3:  
?C: This symbol if defined indicates to the C program that the first argument  
?C: for the wait3() system call should be declared as 'union wait status'  
?C: instead of 'int status'. You probably need to include <sys/wait.h>  
?C: in the former case (see I\_SYSWAIT). It seems safe to assume that the  
?C: same rule applies to the second parameter of wait4().  
?C:.  
?H:#\$d\_uwait UNION\_WAIT /\*\*/  
?H:#\$d\_uwait3 UNION\_WAIT3 /\*\*/  
?H:.  
?T:val2 flags f also  
?LINT:set d\_uwait d\_uwait3  
: see if union wait is available

```

echo " "
?X:
?X: Unfortunately, we can't just grep <sys/wait.h> for "union wait" because
?X: some weird systems (did I hear HP-UX?) define union wait only when _BSD
?X: is defined. The same thing happens on OSF/1, who is pushing weirdness to
?X: its limits by requiring wait() to use (int *) but wait3() to use
?X: (union wait *), unless _BSD is defined and -lbsd is used, in which case
?X: wait() also expects (union wait *). Aaargh!--RAM
?X:
set X $cppflags
shift
flags="
also="
for f in $*; do
case "$f" in
*NO_PROTO*) ;;
*) flags="$flags $f";;
esac
done
$cat `./findhdr sys/wait.h` /dev/null | \
$cppstdin $flags $cppminus >wait.out 2>/dev/null
if $contains 'union.*wait.*{' wait.out >/dev/null 2>&1 ; then
echo "Looks like your <sys/wait.h> knows about 'union wait'..." >&4
val="$define"
@if UNION_WAIT
also='also '
if $contains 'extern.*wait[ ]*([ ]*int' wait.out >/dev/null 2>&1
then
echo "But wait() seems to expect an 'int' pointer (POSIX way)." >&4
val="$undef"
also="
elif $contains 'extern.*wait[ ]*([ ]*union' wait.out >/dev/null 2>&1
then
echo "And indeed wait() expects an 'union wait' pointer (BSD way)." >&4
else
echo "So we'll use that for wait()." >&4
fi
@end
@if UNION_WAIT3 || d_uwait3
val2="$define"
@end
@if UNION_WAIT3
if $contains 'extern.*wait3[ ]*([ ]*int' wait.out >/dev/null 2>&1
then
echo "However wait3() seems to expect an 'int' pointer, weird." >&4
val2="$undef"
elif $contains 'extern.*wait3[ ]*([ ]*union' wait.out >/dev/null 2>&1
then

```

```

echo "And wait3() ${also}expects an 'union wait' pointer, fine." >&4
else
echo "As expected, wait3() ${also}uses an 'union wait' pointer." >&4
fi
@end
else
echo "No trace of 'union wait' in <sys/wait.h>..." >&4
val="$undef"
@if UNION_WAIT && UNION_WAIT3
echo "Both wait() and wait3() will use a plain 'int' pointer then." >&4
@elseif UNION_WAIT
echo "Your wait() should be happy with a plain 'int' pointer." >&4
@elseif UNION_WAIT3
echo "Your wait3() should be happy with a plain 'int' pointer." >&4
@end
fi
set d_uwait
eval $setvar
@if UNION_WAIT3 || d_uwait3
val="$val2"; set d_uwait3
eval $setvar
@end
$rm -f wait.out

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_uwait.U
```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Loc.U,v \$

?RCS: Revision 3.0.1.10 1997/02/28 15:04:16 ram

?RCS: patch61: allow users to specify paths on the command line

?RCS: patch61: will now substitute cp for ln if not supported

?RCS:

?RCS: Revision 3.0.1.9 1995/09/25 09:11:24 ram

?RCS: patch59: commented the purpose of the #un-def directive

?RCS: patch59: abort Configure run when mandatory command is missing

?RCS:

?RCS: Revision 3.0.1.8 1995/07/25 13:40:40 ram  
 ?RCS: patch56: now knows about OS/2 platforms  
 ?RCS:  
 ?RCS: Revision 3.0.1.7 1995/01/11 15:13:37 ram  
 ?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI  
 ?RCS: patch45: added path lookup for the 'comm' program  
 ?RCS:  
 ?RCS: Revision 3.0.1.6 1994/10/29 15:56:14 ram  
 ?RCS: patch36: added ?F: line for metalint file checking  
 ?RCS: patch36: be careful and guard against wildcard searching (ADO)  
 ?RCS:  
 ?RCS: Revision 3.0.1.5 1994/06/20 06:54:55 ram  
 ?RCS: patch30: now locates find  
 ?RCS:  
 ?RCS: Revision 3.0.1.4 1994/05/13 15:18:15 ram  
 ?RCS: patch27: added byacc to the trylist (ADO)  
 ?RCS: patch27: lint lines reformatted (ADO)  
 ?RCS:  
 ?RCS: Revision 3.0.1.3 1994/01/24 14:01:44 ram  
 ?RCS: patch16: added metalint hint on changed PATH variable  
 ?RCS:  
 ?RCS: Revision 3.0.1.2 1993/12/15 08:16:52 ram  
 ?RCS: patch15: now set \_test variable when test is built-in  
 ?RCS: patch15: fixed rare cases where echo is not needed  
 ?RCS:  
 ?RCS: Revision 3.0.1.1 1993/09/13 15:47:13 ram  
 ?RCS: patch10: test program not always in /bin/test (WAD)  
 ?RCS:  
 ?RCS: Revision 3.0 1993/08/18 12:05:05 ram  
 ?RCS: Baseline for dist 3.0 netwide release.  
 ?RCS:  
 ?X:  
 ?X: This unit produces a shell script "loc" which can be used to find out  
 ?X: where in a list of directories something is. It then uses loc to  
 ?X: determine the location of commonly used programs. It leaves loc sitting  
 ?X: around for other Configure units to use, but arranges for its demise  
 ?X: at the end of Configure.  
 ?X:  
 ?X: To add a new program to find, add it both to the ?MAKE: line and to either  
 ?X: the loclist or trylist variable.  
 ?X:  
 ?X: I put startsh at the end of the dependency list, in order to avoid the  
 ?X: loading of the spitshell unit before the instructions.  
 ?X:  
 ?MAKE:Loc awk ar bash bison byacc cat chgrp chmod chown \  
 comm compress cp cpio cpp csh date echo egrep emacs expr find flex \  
 gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \  
 make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \  
 \

```

shar sleep smail sort submit tail tar tbl tee test touch tr troff \
uname uniq uuname vi zcat zip: eunicefix n c startsh Instruct Warn
?MAKE: -pick weed $@ %<
?LINT:describe awk ar bash bison byacc cat chgrp chmod chown \
comm compress cp cpio cpp csh date echo egrep emacs expr find flex \
gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \
make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
shar sleep smail sort submit tail tar tbl tee test touch tr troff \
uname uniq uuname vi zcat zip
?V::pth loclist trylist
?F:./loc
?T:thisthing thing xxx dir file say DJGPP
?T:_test _grep _cp _gmake _egrep _ln _make dflt
?LINT: change PATH
: find out where common programs are
echo " "
echo "Locating common programs..." >&4
cat <<EOOSC >loc
$startsh
case $# in
0) exit 1;;
esac
thing=\$1
shift
dflt=\$1
shift
for dir in \${*}; do
case "\$thing" in
.)
if test -d \$dir/\$thing; then
echo \$dir
exit 0
fi
;;
*)
?X: Be careful in case thing includes wildcards that might expand to multiple
?X: files. Choose the last one. This happens when searching for shared
?X: libraries with version numbers. How to choose which one we want is
?X: probably an insoluble problem, in general.
?X: Some folks leave things like libc.so.orig around w/o read
?X: permission. A -r test would handle that, but since ./loc is
?X: also used to find executables (which are installed w/o read
?X: permission on SCO ODT 3.0, we can't include the -r test.
for thisthing in \$dir/\$thing; do
: just loop through to pick last item
done
if test -f \$thisthing; then
echo \$thisthing

```

```
exit 0
elif test -f \${thisthing$_exe}; then
echo \${thisthing}
exit 0
elif test -f \${dir}\${thing}.exe; then
if test -n "$DJGPP"; then
echo \${dir}\${thing}.exe
else
: on Eunice apparently
echo \${dir}\${thing}
fi
exit 0
fi
;;
esac
done
echo \${dflt}
exit 1
EOSC
chmod +x loc
$eunicefix loc
loclist="
?awk:awk
?cat:cat
?chgrp:chgrp
?chmod:chmod
?chown:chown
?comm:comm
?cp:cp
?echo:echo
?expr:expr
?find:find
?grep:grep
?ls:ls
?mkdir:mkdir
?mv:mv
?rm:rm
?sed:sed
?sleep:sleep
?sort:sort
?tail:tail
?touch:touch
?tr:tr
?uniq:uniq
"
trylist="
?Mcc:Mcc
?ar:ar
```

?bash: bash  
?bison: bison  
?byacc: byacc  
?compress: compress  
?cpio: cpio  
?cpp: cpp  
?csh: csh  
?date: date  
?egrep: egrep  
?emacs: emacs  
?flex: flex  
?gmake: gmake  
?gzip: gzip  
?inews: inews  
?ksh: ksh  
?less: less  
?line: line  
?lint: lint  
?ln: ln  
?lp: lp  
?lpr: lpr  
?mail: mail  
?mailx: mailx  
?make: make  
?more: more  
?nm: nm  
?nroff: nroff  
?perl: perl  
?pg: pg  
?pmake: pmake  
?pr: pr  
?rmail: rmail  
?sendmail: sendmail  
?shar: shar  
?smail: smail  
?submit: submit  
?tar: tar  
?tbl: tbl  
?tee: tee  
?test: test  
?troff: troff  
?uname: uname  
?uuname: uuname  
?vi: vi  
?zcat: zcat  
?zip: zip  
"  
?LINT: set awk ar bash bison byacc cat chgrp chmod chown \



```

comm compress cp cpio cpp csh date echo emacs expr find flex \
gmake gzip grep inews ksh less line lint lp lpr ls mail mailx \
mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
shar sleep smail sort submit tail tar tbl tee touch tr troff \
uname uniq uuname vi zcat zip
pth=`echo $PATH | sed -e "s/$p_/ /g"`
pth="$pth /lib /usr/lib"
for file in $loclist; do
?X:
?X: Allow them to -Dmake=pmake on the command line for instance...
?X: If the file is not fully qualified, as in -Dmake=pmake, then we
?X: look the for the specified command (pmake here). If they say
?X: -Dmake=/sbin/make for instance, then we make sure the file
?X: exists, or we die...
?X:
eval xxx=\$file
case "$xxx" in
/*|?:[\\]*)
if test -f "$xxx"; then
: ok
else
./warn "no $xxx -- ignoring your setting for $file."
xxx=`./loc $file $file $pth`
fi
;;
*) xxx=`./loc $file $file $pth`;
*) xxx=`./loc $xxx $xxx $pth`;
esac
eval $file=$xxx$_exe
eval _$file=$xxx
case "$xxx" in
/*)
echo $file is in $xxx.
;;
?X: Under OS/2, we have PC-like paths
?:[\\]*)
echo $file is in $xxx.
;;
*)
echo "I don't know where '$file' is, and my life depends on it." >&4
echo "Go find a public domain implementation or fix your PATH setting!" >&4
exit 1
;;
esac
done
echo " "
echo "Don't worry if any of the following aren't found..."
say=offhand

```

```

for file in $trylist; do
?X: Allow them to -Dmake=pmake on the command line for instance (see above)
eval xxx=\$$file
case "$xxx" in
/*|?:[\\]*)
if test -f "$xxx"; then
: ok
else
./warn "no $xxx -- ignoring your setting for $file."
xxx=`./loc $file $file $pth`
fi
;;
") xxx=`./loc $file $file $pth`;
*) xxx=`./loc $xxx $xxx $pth`;
esac
eval $file=$xxx$_exe
eval $_$file=$xxx
case "$xxx" in
/*)
echo $file is in $xxx.
;;
?X: Under OS/2, we have PC-like paths
?:[\\]*)
echo $file is in $xxx.
;;
*)
echo "I don't see $file out there, $say."
say=either
;;
esac
done
case "$egrep" in
egrep)
echo "Substituting grep for egrep."
egrep=$grep
_egrep=$_grep
;;
esac
@if ln
case "$ln" in
ln)
echo "Substituting cp for ln."
ln=$cp
_ln=$_cp
;;
esac
@end
@if make || gmake

```

```

case "$make" in
make)
case "$gmake" in
gmake)
echo "I can't find make or gmake, and my life depends on it." >&4
echo "Go find a public domain implementation or fix your PATH setting!" >&4
exit 1
;;
esac
;;
esac
case "$gmake" in
gmake) ;;
*) # We can't have osname yet.
if test -f "/system/gnu_library/bin/ar.pm"; then # Stratus VOS
# Assume that gmake, if found, is definitely GNU make
# and prefer it over the system make.
echo "Substituting gmake for make."
make=$gmake
_make=$_gmake
fi
;;
esac
@end
case "$test" in
test)
echo "Hopefully test is built into your sh."
;;
*)
if `sh -c "PATH= test true" >/dev/null 2>&1`; then
echo "Using the test built into your sh."
?X:
?X: We need to set both test and _test, since Oldconfig.U will use the _test
?X: value to systematically restore computed paths, which may be wrong if
?X: we choose to load an old config.sh generated on another platform.
?X:
test=test
_test=test
fi
;;
esac
?LINT:change n c
case "$echo" in
echo)
echo "Hopefully echo is built into your sh."
;;
?X: For those rare cases where we don't need $echo...
") ;;

```

```

*)
echo " "
echo "Checking compatibility between $echo and builtin echo (if any)..." >&4
$echo $n "hi there$c" >foo1
echo $n "hi there$c" >foo2
if cmp foo1 foo2 >/dev/null 2>&1; then
echo "They are compatible. In fact, they may be identical."
else
case "$n" in
'-n') n=" c='\c';;
*) n='-n' c="";;
esac
cat <<FOO

```

They are not compatible! You are probably running ksh on a non-USG system. I'll have to use \$echo instead of the builtin, since Bourne shell doesn't have echo built in and we may have to run some Bourne shell scripts. That means I'll have to use '\$n\$c' to suppress newlines now. Life is ridiculous.

```

FOO
$echo $n "The star should be here-->$c"
$echo "*"
fi
$rm -f foo1 foo2
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Loc.U

```

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```

?RCS: $Id: d_endnent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_endnent.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_endnent: Inlibc
?MAKE: -pick add $@ %<
?S:d_endnent:

```

?S: This variable conditionally defines HAS\_ENDNETENT if endnetent() is

?S: available to close whatever was being used for network queries.

?S:.

?C:HAS\_ENDNETENT:

?C: This symbol, if defined, indicates that the endnetent() routine is

?C: available to close whatever was being used for network queries.

?C:.

?H:#\$d\_endnent HAS\_ENDNETENT /\*\*/

?H:.

?LINT:set d\_endnent

: see if endnetent exists

set endnetent d\_endnent

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_endnent.U

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Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patnotify

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/manifake

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/bindex

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/files/fixcpp

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/manicheck

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patpost

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/makedist

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/metalint

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/errnolist.mk

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patcol

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/metaconfig

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patftp

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/makeSH

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patclean  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patindex  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patsnap  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/pat  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patname  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/packinit  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/makegloss  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patlog  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patsend  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patbase  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/kitpost  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patcil  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/jmake  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/kitsend  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patdiff  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/jmkmf  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/mlint  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patmake  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/manilist  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/mconfig

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Init.U,v 3.0.1.1 1994/10/31 09:45:59 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: Init.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/31 09:45:59 ram  
?RCS: patch44: removed Options from MAKE to prevent Init overrides  
?RCS: patch44: option processing now done after Myinit thanks to new Begin.U  
?RCS: patch44: moved "Beginning of configuration questions" to Begin.U  
?RCS: patch44: moved signal trapping instruction to Begin.U as well  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:02 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This file initializes certain default variables used by Configure. They  
?X: may be overridden or added to by definitions in Myinit.U.  
?X:  
?MAKE:Init eunicefix: Null  
?MAKE: -pick add \$@ %<  
?MAKE: -pick weed \$@ ./Init  
?S:eunicefix:  
?S: When running under Eunice this variable contains a command which will  
?S: convert a shell script to the proper form of text file for it to be  
?S: executable by the shell. On other systems it is a no-op.  
?S:.  
?V:define undef smallmach:rmlist  
?X:  
?X: Throughout the units, one may make use of \$define and \$undef to reference  
?X: a defined symbol or an undefined one. There is no need to add them in  
?X: the dependency line since this unit makes them visible via ?V:, and  
?X: everyone inherits from those symbols since by convention Init.U is the  
?X: root dependency.  
?X:  
?LINT:extern DJGPP  
?LINT:extern \_exe  
?LINT:change \_exe  
?LINT:extern is\_os2  
: Detect odd OSs  
define='define'  
undef='undef'  
smallmach='pdp11 i8086 z8000 i80286 iAPX286'  
rmlist=""  
  
: We must find out about Eunice early  
eunicefix=''  
if test -f /etc/unixtovms; then  
eunicefix=/etc/unixtovms

```

fi
if test -f /etc/unixtovms.exe; then
    eunicefix=/etc/unixtovms.exe
fi

: Set executable suffix now -- needed before hints available
if test -f "/libs/version.library"; then
: Amiga OS
    _exe=""
elif test -f "/system/gnu_library/bin/ar.pm"; then
: Stratus VOS
    _exe=".pm"
elif test -n "$DJGPP"; then
: DOS DJGPP
    _exe=".exe"
elif test -f /kern/cookiejar; then
: MiNT
    _exe=""
elif test -d c:/ -o -n "$is_os2" ; then
: OS/2 or cygwin
    _exe=".exe"
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Init.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_passwd.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_passwd.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:37:21 ram
?RCS: patch61: useless unit dropped.
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:09:51 ram
?RCS: patch32: created by ADO
?RCS:
?X:

```



?X: Useless unit dropped.

?X:

?LINT:empty

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_passwd.U

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?RCS:

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?RCS:

?MAKE:d\_snprintf\_l d\_vsnprintf\_l : Inlibc d\_snprintf d\_vsnprintf

?MAKE: -pick add \$@ %<

?S:d\_snprintf\_l:

?S: This variable conditionally defines the HAS\_SNPRINTF\_L symbol, which

?S: indicates to the C program that the snprintf\_l () library function

?S: is available.

?S:.

?S:d\_vsnprintf\_l:

?S: This variable conditionally defines the HAS\_VSNPRINTF\_L symbol, which

?S: indicates to the C program that the vsnprintf\_l () library function

?S: is available.

?S:.

?C:HAS\_SNPRINTF\_L:

?C: This symbol, if defined, indicates that the snprintf\_l () library

?C: function is available for use.

?C:.

?C:HAS\_VSNPRINTF\_L:

?C: This symbol, if defined, indicates that the vsnprintf\_l () library

?C: function is available for use.

?C:.

?H:#\$d\_snprintf\_l HAS\_SNPRINTF\_L /\*\*/

?H:#\$d\_vsnprintf\_l HAS\_VSNPRINTF\_L /\*\*/

?H:.

: see if snprintf\_l exists

set snprintf\_l d\_snprintf\_l

eval \$inlibc

: see if vsnprintf\_l exists

set vsnprintf\_l d\_vsnprintf\_l

eval \$inlibc

```

case "$d_snprintf-$d_vsnprintf-$d_snprintf_1-$d_vsnprintf_1" in
"$define-$define-$define-$define")
;;
*) echo "(These require the basic snprintf and vsnprintf to also be available, which they aren't"
d_snprintf_1="$undef"
d_vsnprintf_1="$undef"
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_snprintf_1.U
```

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?RCS:

?MAKE:d\_getcwd: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getcwd:

?S: This variable conditionally defines the HAS\_GETCWD symbol, which

?S: indicates to the C program that the getcwd() routine is available

?S: to get the current working directory.

?S:.

?C:HAS\_GETCWD :

?C: This symbol, if defined, indicates that the getcwd routine is

?C: available to get the current working directory.

?C:.

?H:#\$d\_getcwd HAS\_GETCWD /\*\*/

?H:.

?LINT:set d\_getcwd

: see if getcwd exists

set getcwd d\_getcwd

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getcwd.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_seteuid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_setuid.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:08 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_setuid: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_setuid:  
?S: This variable conditionally defines the HAS\_SETEUID symbol, which  
?S: indicates to the C program that the setuid() routine is available  
?S: to change the effective uid of the current program.  
?S:.  
?C:HAS\_SETEUID (SETEUID):  
?C: This symbol, if defined, indicates that the setuid routine is available  
?C: to change the effective uid of the current program.  
?C:.  
?H:#\$d\_setuid HAS\_SETEUID /\*\*/  
?H:.  
?LINT:set d\_setuid  
: see if setuid exists  
set setuid d\_setuid  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setuid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Obsol\_sh.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: Obsol\_sh.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:05:11 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:

?X: This file is prepended to .MT/ObsoL\_sh if that file is not empty. That file

?X: contains the necessary mappings of new symbols to obsolete ones.

?X:

?MAKE:ObsoL\_sh:

?MAKE: -pick prepend \$@ ./ObsoL\_sh

?LINT:nocomment

#

# The following symbols are obsolete. They are mapped to the the new

# symbols only to ease the transition process. The sources should be

# updated so as to use the new symbols only, since supporting of those

# obsolete symbols may end without notice.

#

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ObsoL\_sh.U

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_getespwnam: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getespwnam:

?S: This variable conditionally defines HAS\_GETESPWNAM if getespwnam() is

?S: available to retrieve enhanced (shadow) password entries by name.

?S:.

?C:HAS\_GETESPWNAM:

?C: This symbol, if defined, indicates that the getespwnam system call is

?C: available to retrieve enhanced (shadow) password entries by name.

?C:.

?H:#\$d\_getespwnam HAS\_GETESPWNAM /\*\*/

?H:.

?LINT:set d\_getespwnam

: see if getespwnam exists

set getespwnam d\_getespwnam

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getespwnam.U

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```
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getitimer: Inlibc
?MAKE:-pick add $@ %<
?S:d_getitimer:
?S: This variable conditionally defines the HAS_GETITIMER symbol, which
?S: indicates to the C program that the getitimer() routine is available.
?S:.
?C:HAS_GETITIMER:
?C: This symbol, if defined, indicates that the getitimer routine is
?C: available to return interval timers.
?C:.
?H:#$d_getitimer HAS_GETITIMER /**/
?H:.
?LINT:set d_getitimer
: see if getitimer exists
set getitimer d_getitimer
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getitimer.U
```

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```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_varhdr.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:54:42 ram
?RCS: patch61: varargs script now starts with leading "startsh"
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:21:02 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
```

?RCS: Revision 3.0.1.1 1994/05/13 15:26:05 ram

?RCS: patch27: this unit now supersedes old i\_stdarg.U and i\_varargs.U

?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:49 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_stdarg i\_varargs i\_varhdr: cat +cc +ccflags rm test Setvar \  
Findhdr Warn startsh \_o

?MAKE: -pick add \$@ %<

?S:i\_stdarg:

?S: This variable conditionally defines the I\_STDARG symbol, which

?S: indicates to the C program that <stdarg.h> exists and should

?S: be included.

?S:.

?S:i\_varargs:

?S: This variable conditionally defines I\_VARARGS, which indicates

?S: to the C program that it should include <varargs.h>.

?S:.

?S:i\_varhdr:

?S: Contains the name of the header to be included to get va\_dcl definition.

?S: Typically one of varargs.h or stdarg.h.

?S:.

?C:I\_STDARG:

?C: This symbol, if defined, indicates that <stdarg.h> exists and should

?C: be included.

?C:.

?C:I\_VARARGS:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <varargs.h>.

?C:.

?H:#\$i\_stdarg I\_STDARG /\*\*/

?H:#\$i\_varargs I\_VARARGS /\*\*/

?H:.

?W:%<:va\_dcl

?F:!varargs

?T:valstd

?LINT:set i\_stdarg i\_varargs

?X:

?X: Don't use setvar because the varargs test below might override these.

?X: Actually, the messages here are just informative. We don't wish to set

?X: i\_varargs or i\_stdarg to their final value before knowing which of the

?X: two we'll include.

?X:

: see if stdarg is available

echo " "

if \$test `./findhdr stdarg.h`; then

echo "<stdarg.h> found." >&4

```

valstd="$define"
else
echo "<stdarg.h> NOT found." >&4
valstd="$undef"
fi

: see if varargs is available
echo " "
if $test `./findhdr varargs.h`; then
echo "<varargs.h> found." >&4
else
echo "<varargs.h> NOT found, but that's ok (I hope)." >&4
fi

```

?X:

?X: if you have stdarg.h, you need to support prototypes to actually use it;

?X: but if stdarg.h exists and the compiler doesn't support prototypes (for some

?X: bizarre reason), we'll fall back to varargs.h anyway so it's not so bad.

?X:

: set up the varargs testing programs

```
$cat > varargs.c <<EOP
```

```
#ifdef I_STDARG
```

```
#include <stdarg.h>
```

```
#endif
```

```
#ifdef I_VARARGS
```

```
#include <varargs.h>
```

```
#endif
```

```
#ifdef I_STDARG
```

```
int f(char *p, ...)
```

```
#else
```

```
int f(va_alist)
```

```
va_dcl
```

```
#endif
```

```
{
```

```
va_list ap;
```

```
#ifndef I_STDARG
```

```
char *p;
```

```
#endif
```

```
#ifdef I_STDARG
```

```
va_start(ap,p);
```

```
#else
```

```
va_start(ap);
```

```
p = va_arg(ap, char *);
```

```
#endif
```

```
va_end(ap);
```

```
}
```

```
EOP
```

```

$cat > varargs <<EOP
$startsh
if $cc -c $ccflags -D$1 varargs.c >/dev/null 2>&1; then
    echo "true"
else
    echo "false"
fi
$rm -f varargs$_o
EOP
chmod +x varargs

: now check which varargs header should be included
echo " "
i_varhdr="
case "$valstd" in
"$define")
    if `./varargs I_STDARG`; then
        val='stdarg.h'
    elif `./varargs I_VARARGS`; then
        val='varargs.h'
    fi
    ;;
*)
    if `./varargs I_VARARGS`; then
        val='varargs.h'
    fi
    ;;
esac
case "$val" in
")
    ./warn "I could not find the definition for va_dcl... You have problems..."
    val="$undef"; set i_stdarg; eval $setvar
    val="$undef"; set i_varargs; eval $setvar
    ;;
*)
    set i_varhdr
    eval $setvar
    case "$i_varhdr" in
stdarg.h)
        val="$define"; set i_stdarg; eval $setvar
        val="$undef"; set i_varargs; eval $setvar
        ;;
varargs.h)
        val="$undef"; set i_stdarg; eval $setvar
        val="$define"; set i_varargs; eval $setvar
        ;;
esac
echo "We'll include <$i_varhdr> to get va_dcl definition." >&4;;

```



```
esac
$rm -f varargs*
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_varhdr.U
```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_csh.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:32:18 ram

?RCS: patch61: added full\_csh to preserve the full path even when portable

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:53 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_csh full\_csh: csh Setvar

?MAKE: -pick add \$@ %<

?S:d\_csh:

?S: This variable conditionally defines the CSH symbol, which

?S: indicates to the C program that the C-shell exists.

?S:.

?S:full\_csh:

?S: This variable contains the full pathname to 'csh', whether or

?S: not the user has specified 'portability'. This is only used

?S: in the compiled C program, and we assume that all systems which

?S: can share this executable will have the same full pathname to

?S: 'csh.'

?S:.

?X: Yes, I know about the C symbol PORTABLE, but I think csh

?X: is unlikely to move, and I'm too lazy to add all the

?X: #ifdef PORTABLE sections to the perl source.

?X:

?C:HAS\_CSH:

?C: This symbol, if defined, indicates that the C-shell exists.

?C:.

?C:CSH:

?C: This symbol, if defined, contains the full pathname of csh.

?C:.

?X: Previously, I just did \$d\_csh CSH "\$full\_csh", but that caused  
 ?X: problems on VMS where the config.sh extraction program changes  
 ?X: \$undef to a real cpp undef, and they then had #undef CSH ""  
 ?X: which the compiler didn't like. It's easy to work around this,  
 ?X: so I did. --AD 3/1998.  
 ?X: And we don't want to define CSH if !HAS\_CSH, but we don't want  
 ?X: those lines in config.h if they don't need CSH, so protect with ?CSH  
 ?X: and not ?%<. --RAM, 15/02/2004  
 ?H: ?%<: # \$d\_csh HAS\_CSH /\*\*/  
 ?H: ?CSH: #ifdef HAS\_CSH  
 ?H: ?CSH: #define CSH "\$full\_csh" /\*\*/  
 ?H: ?CSH: #endif  
 ?H: .  
 ?LINT: set d\_csh  
 : get csh whereabouts  
 case "\$csh" in  
 'csh') val="\$undef" ;;  
 \*) val="\$define" ;;  
 esac  
 set d\_csh  
 eval \$setvar  
 : Respect a hint or command line value for full\_csh.  
 case "\$full\_csh" in  
 ") full\_csh=\$csh ;;  
 esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_csh.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_endhent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$  
 ?RCS:  
 ?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
 ?RCS:  
 ?RCS: You may redistribute only under the terms of the Artistic License,  
 ?RCS: as specified in the README file that comes with the distribution.  
 ?RCS: You may reuse parts of this distribution only within the terms of  
 ?RCS: that same Artistic License; a copy of which may be found at the root  
 ?RCS: of the source tree for dist 3.0.  
 ?RCS:  
 ?RCS: \$Log: d\_endhent.U,v \$  
 ?RCS: Revision 3.0 1993/08/18 12:06:09 ram  
 ?RCS: Baseline for dist 3.0 netwide release.  
 ?RCS:  
 ?MAKE: d\_endhent: Inlibc  
 ?MAKE: -pick add \$@ %<  
 ?S: d\_endhent:

?S: This variable conditionally defines HAS\_ENDHOSTENT if endhostent() is

?S: available to close whatever was being used for host queries.

?S:.

?C:HAS\_ENDHOSTENT:

?C: This symbol, if defined, indicates that the endhostent() routine is

?C: available to close whatever was being used for host queries.

?C:.

?H:#\$d\_endhent HAS\_ENDHOSTENT /\*\*/

?H:.

?LINT:set d\_endhent

: see if endhostent exists

set endhostent d\_endhent

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_endhent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: cppfilecom.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>

?RCS:

?RCS: \$Log: cppfilecom.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:37 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:cppfilecom cppstdinflags d\_cppignhdrs d\_cppcanstdin: \  
contains package test Myread Oldconfig Loc Setvar cpp cc cat rm

?MAKE: -pick add \$@ %<

?S:cppfilecom:

?S: This variable contains the first part of the string which will invoke

?S: the C preprocessor a file and produce to standard output, preserving

?S: comments. Typical value of "cc -E -C" or "/lib/cpp -C".

?S:.

?S:cppstdinflags:

?S: This variable contains any flags necessary to get cppfilecom to read

?S: from the standard input.

?S:.

?S:d\_cppignhdrs:

?S: This symbol conditionally defines CPP\_IGN\_HDRS if CPP\_FILE\_COM ignores  
?S: \*.h files.  
?S:.  
?S:d\_cppcanstdin:  
?S: This symbol conditionally defines CPP\_CAN\_STDIN if CPP\_FILE\_COM can  
?S: read standard input directly.  
?S:.  
?C:CPP\_FILE\_COM (CPPFILECOM):  
?C: This symbol contains the first part of the string which will invoke  
?C: the C preprocessor a file and produce to standard output, preserving  
?C: comments. Typical value of "cc -E -C" or "/lib/cpp -C".  
?C:.  
?C:CPP\_STDIN\_FLAGS (CPPSTDINFLAGS):  
?C: This variable contains any flags necessary to get CPP\_FILE\_COM to  
?C: read from the standard input.  
?C:.  
?C:CPP\_IGN\_HDRS (CPPIGNHDRS):  
?C: This symbol is defined if CPP\_FILE\_COM ignores \*.h files.  
?C:.  
?C:CPP\_CAN\_STDIN (CPPCANSTDIN):  
?C: This symbol is defined if CPP\_FILE\_COM can read standard input  
?C: directly.  
?C:.  
?H:#define CPP\_FILE\_COM "\$cppfilecom"  
?H:#define CPP\_STDIN\_FLAGS "\$cppstdinflags"  
?H:#\$d\_cppignhdrs CPP\_IGN\_HDRS /\* does CPP ignore .h files? \*/  
?H:#\$d\_cppcanstdin CPP\_CAN\_STDIN /\* can CPP read stdin directly? \*/  
?H:.  
?T:cont  
?F:!testcpp.c !testcpp.h !testcpp.out  
?LINT:set d\_cppcanstdin d\_cppignhdrs  
?LINT:usefile testcpp.c testcpp.out  
: see how we invoke the C preprocessor  
\$cat <<EOM

\$package needs to be able to preprocess its input files in a mode which  
preserves comments, which is often not the default behaviour. It should run  
the C preprocessor you will use when compiling your own source code, which  
should be ISO/ANSI C compliant if you want \$package to handle the latest  
standard C. I will try to guess, but I might guess wrongly because it is not  
necessarily the same preprocessor used to build \$package.

EOM  
\$cat <<'EOT' >testcpp.c  
#define ABC abc  
#define XYZ xyz  
ABC.XYZ  
/\* comment \*/

```

EOT
:
if $test "X$cppfilecom" != "X" && \
  $cppfilecom testcpp.c </dev/null >testcpp.out 2>/dev/null && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
  $contains comment testcpp.out >/dev/null 2>&1
then
  echo "You used to use $cppfilecom so we'll use that again."
elif echo 'Maybe "$cc" -E -C" will work...' && \
  $cc -E -C testcpp.c </dev/null >testcpp.out 2>/dev/null && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
  $contains comment testcpp.out >/dev/null 2>&1
then
  echo "It works!"
  cppfilecom="$cc -E -C"
elif echo 'Nope...maybe "$cc" -P -C" will work...' && \
  $cc -P -C testcpp.c </dev/null >testcpp.out 2>/dev/null && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
  $contains comment testcpp.out >/dev/null 2>&1
then
  echo "Yup, that does."
  cppfilecom="$cc -P -C"
elif echo 'No such luck, maybe "$cpp" -C" will work...' && \
  $cpp -C testcpp.c </dev/null >testcpp.out 2>/dev/null && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
  $contains comment testcpp.out >/dev/null 2>&1
then
  echo "Yup, it does."
  cppfilecom="$cpp -C"
else
  cppfilecom=""
  $cat <<'EOM'
I can't find a C preprocessor that will preserve comments. Please name one.
EOM
fi
:
dflt="$cppfilecom"
cont=true
while $test "$cont" ; do
  echo " "
  rp="How should $package run your preprocessor preserving comments?"
  . ./myread
  cppfilecom="$ans"
  $cppfilecom testcpp.c >testcpp.out 2>&1
  if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
    $contains comment testcpp.out >/dev/null 2>&1
  then
    echo "OK, that will do."

```

```

cont="
else
echo "Sorry, I can't get that to work."
fi
done

@if CPP_IGN_HDRS || d_cppignhdrs
: Now see if it ignores header files.
cp testcpp.c testcpp.h
$cppfilecom testcpp.h >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
$contains comment testcpp.out >/dev/null 2>&1
then
echo "Terrific; it processes .h files passed on the command line too."
val="$undef"
else
echo "It ignores .h files on the command line; pity."
val="$define"
fi
set d_cppignhdrs
eval $setvar

@end
@if CPP_STDIN_FLAGS || CPP_CAN_STDIN || cppstdinflags || d_cppcanstdin
: Now see how to send stdin to it.
echo " "
cp testcpp.c testcpp.h
$cppfilecom <testcpp.h >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
$contains comment testcpp.out >/dev/null 2>&1
then
echo "Great; and it will read stdin if passed no arguments."
val="$define"
cppstdinflags="
else
$cppfilecom - <testcpp.h >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
$contains comment testcpp.out >/dev/null 2>&1
then
echo "Great; and it can read stdin by passing it '-!'"
val="$define"
cppstdinflags='-!
else
$cat <<FOO

```

Unfortunately, I can't find an easy way to get that preprocessor to read from standard input. Do you know any flags I can pass it to get it to do so?

If that preprocessor can't read directly from standard input, answer 'none'.

```

FOO
val='dunno'
while $test "$val" = "dunno"; do
rp='Flags to get preprocessor to read stdin?'
dflt='none'
. ./myread
if $test $ans = 'none'; then
echo "Oh well, if $package wants it done, it will do it for itself."
val="$undef"
else
$cpfilecom $ans <testcpp.h >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
$contains comment testcpp.out >/dev/null 2>&1
then
echo "Good; that works fine."
val="$define"
cppstdinflags="$ans"
else
echo "Sorry, I couldn't get that to work."
fi
fi
done
fi
fi
set d_cppcanstdin
eval $setvar

@end
: cleanup cpp test files anyway
$rm -f testcpp.*

Found in path(s):
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/cppfilecom.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: siteprefix.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: siteprefix.U,v $
?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

```

```

?RCS: Initial revision
?RCS:
?MAKE:siteprefix siteprefixexp +oldsiteprefix: Getfile Loc Oldconfig cat package prefix
?MAKE: -pick add $@ %<
?S:siteprefix:
?S: This variable holds the full absolute path of the directory below
?S: which the user will install add-on packages.
?S: See INSTALL for usage and examples.
?S:.
?S:siteprefixexp:
?S: This variable holds the full absolute path of the directory below
?S: which the user will install add-on packages. Derived from siteprefix.
?S:.
?S:oldsiteprefix:
?S: This variable is set non-null if the siteprefix was previously defined
?S: and gets set to a new value. Used internally by Configure only.
?S:.
: Set the siteprefix variables
$cat <<EOM

```

After \$package is installed, you may wish to install various add-on modules and utilities. Typically, these add-ons will be installed under \$prefix with the rest of this package. However, you may wish to install such add-ons elsewhere under a different prefix.

If you do not wish to put everything under a single prefix, that's ok. You will be prompted for the individual locations; this siteprefix is only used to suggest the defaults.

The default should be fine for most people.

```

EOM
fn=d~+
rp='Installation prefix to use for add-on modules and utilities?'
: XXX Here might be another good place for an installstyle setting.
case "$siteprefix" in
") dflt=$prefix ;;
*) dflt=$siteprefix ;;
esac
./getfile
: XXX Prefixit unit does not yet support siteprefix and vendorprefix
oldsiteprefix="
case "$siteprefix" in
") ;;
*) case "$ans" in
"$prefix") ;;
*) oldsiteprefix="$prefix";;

```



```
esac
;;
esac
siteprefix="$sans"
siteprefixexp="$sansexp"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/siteprefix.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systwgcf.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: as specified in the README file that comes with the distribution.
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: i_systwgcf.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:39 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:i_systwgcf: Inhdr
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_systwgcf:
```

```
?S: This variable conditionally defines the I_SYS_TWG_CF symbol, and
```

```
?S: indicates whether a C program should include sys/twg_config.h.
```

```
?S:.
```

```
?C:I_SYS_TWG_CF:
```

```
?C: This symbol, if defined, indicates to the C program that it should
```

```
?C: include sys/twg_config.h.
```

```
?C:.
```

```
?H:#$i_systwgcf I_SYS_TWG_CF /**/
```

```
?H:.
```

```
?LINT:set i_systwgcf
```

```
: see if this is a sys/twg_config.h system
```

```
set sys/twg_config.h i_systwgcf
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_systwgcf.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endservent_r.U,v 0RCS:
```

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_endservent\_r endservent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
 usethreads i\_netdb extern\_C

?MAKE: -pick add \$@ %<

?S:d\_endservent\_r:

?S: This variable conditionally defines the HAS\_ENDSERVENT\_R symbol,

?S: which indicates to the C program that the endservent\_r()

?S: routine is available.

?S:.

?S:endservent\_r\_proto:

?S: This variable encodes the prototype of endservent\_r.

?S: It is zero if d\_endservent\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_endservent\_r

?S: is defined.

?S:.

?C:HAS\_ENDSERVENT\_R:

?C: This symbol, if defined, indicates that the endservent\_r routine

?C: is available to endservent re-entrantly.

?C:.

?C:ENDSERVENT\_R\_PROTO:

?C: This symbol encodes the prototype of endservent\_r.

?C: It is zero if d\_endservent\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_endservent\_r

?C: is defined.

?C:.

?H:#\$d\_endservent\_r HAS\_ENDSERVENT\_R /\*\*/  
 ?H:#define ENDSERVENT\_R\_PROTO \$endservent\_r\_proto /\*\*/  
 ?H:.

?T:try hdrs d\_endservent\_r\_proto  
 : see if endservent\_r exists  
 set endservent\_r d\_endservent\_r  
 eval \$inlibc  
 case "\$d\_endservent\_r" in  
 "\$define")  
 hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_netdb netdb.h"  
 case "\$d\_endservent\_r\_proto:\$usethreads" in  
 ":define") d\_endservent\_r\_proto=define  
 set d\_endservent\_r\_proto endservent\_r \$hdrs  
 eval \$hasproto ;;  
 \*) ;;  
 esac  
 case "\$d\_endservent\_r\_proto" in

```

define)
case "$endservent_r_proto" in
"|0) try='int endservent_r(struct servent_data*);'
./protochk "$extern_C $try" $hdrs && endservent_r_proto=I_D ;;
esac
case "$endservent_r_proto" in
"|0) try='void endservent_r(struct servent_data*);'
./protochk "$extern_C $try" $hdrs && endservent_r_proto=V_D ;;
esac
case "$endservent_r_proto" in
"|0) d_endservent_r=undef
endservent_r_proto=0
echo "Disabling endservent_r, cannot determine prototype." >&4 ;;
*) case "$endservent_r_proto" in
REENTRANT_PROTO*) ;;
*) endservent_r_proto="REENTRANT_PROTO_$endservent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "endservent_r has no prototype, not using it." >&4 ;;
esac
d_endservent_r=undef
endservent_r_proto=0
;;
esac
;;
*) endservent_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_endservent\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: lib.U,v \$

?RCS: Revision 3.0.1.3 1995/09/25 09:16:47 ram  
?RCS: patch59: unit is now forced to the top of Configure, if possible  
?RCS:  
?RCS: Revision 3.0.1.2 1995/01/30 14:38:08 ram  
?RCS: patch49: can now handle installation prefix changes (from WED)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/08/29 16:27:40 ram  
?RCS: patch32: now uses installation prefix to set the default  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:08:56 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:lib libexp: Getfile Loc Oldconfig Prefixit Prefixup prefixexp  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:lib:  
?S: This variable holds the name of the directory in which the user wants  
?S: to put public library files for the package in question. It is most  
?S: often a local directory such as /usr/local/lib. Programs using this  
?S: variable must be prepared to deal with filename expansion.  
?S:.  
?S:libexp:  
?S: This variable is the same as the lib variable, but is filename expanded  
?S: at configuration time, for convenient use in your makefiles.  
?S:.  
: determine where public libraries go  
set lib lib  
eval \$prefixit  
case "\$lib" in  
")  
dflt=`./loc . ." \$prefixexp/lib /usr/local/lib /usr/lib /lib`  
set dflt  
eval \$prefixup  
;;  
\*) dflt="\$lib";;  
esac  
echo " "  
fn=d~  
rp='Where do you want to put the public libraries?'  
./getfile  
lib="\$ans"  
libexp="\$ansexp"

Found in path(s):  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lib.U  
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strtol.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strtol.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:39 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strtol: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtol:
?S: This variable conditionally defines the HAS_STRTOL symbol, which
?S: indicates to the C program that the strtol() routine is available
?S: to provide better numeric string conversion than atoi() and friends.
?S:.
?C:HAS_STRTOL (STRTOL):
?C: This symbol, if defined, indicates that the strtol routine is available
?C: to provide better numeric string conversion than atoi() and friends.
?C:.
?H:#$d_strtol HAS_STRTOL /**/
?H:.
?LINT:set d_strtol
: see if strtol exists
set strtol d_strtol
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strtol.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ulimit.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_ulimit.U,v $
```

?RCS: Revision 3.0 1993/08/18 12:07:51 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_ulimit: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_ulimit:  
?S: This variable conditionally defines HAS\_ULIMIT if ulimit() is  
?S: available to get the user limits.  
?S:.  
?C:HAS\_ULIMIT (ULIMIT):  
?C: This symbol, if defined, indicates that the ulimit system call is  
?C: available to get the user limits.  
?C:.  
?H:#\$d\_ulimit HAS\_ULIMIT /\*\*/  
?H:.  
?LINT:set d\_ulimit  
: see if ulimit exists  
set ulimit d\_ulimit  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_ulimit.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1996, Andy Dougherty  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: sitelib.U,v \$  
?RCS: Revision 3.0.1.1 1997/02/28 16:21:35 ram  
?RCS: patch61: created  
?RCS:  
?MAKE:sitelib sitelibexp installsitelib: afs cat Getfile \  
Oldconfig Prefixit test privlib package sed  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:sitelib:  
?S: This variable contains the eventual value of the SITELIB symbol,  
?S: which is the name of the private library for this package. It may  
?S: have a ~ on the front. It is up to the makefile to eventually create

?S: this directory while performing installation (with ~ substitution).

?S:.

?S:sitelibexp:

?S: This variable is the ~name expanded version of sitelib, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?S:installsitelib:

?S: This variable is really the same as sitelibexp but may differ on

?S: those systems using AFS. For extra portability, only this variable

?S: should be used in makefiles.

?S:.

?C:SITELIB:

?C: This symbol contains the name of the private library for this package.

?C: The library is private in the sense that it needn't be in anyone's

?C: execution path, but it should be accessible by the world. The program

?C: should be prepared to do ~ expansion.

?C: The standard distribution will put nothing in this directory.

?C: Individual sites may place their own extensions and modules in

?C: this directory.

?C:.

?C:SITELIB\_EXP:

?C: This symbol contains the ~name expanded version of SITELIB, to be used

?C: in programs that are not prepared to deal with ~ expansion at run-time.

?C:.

?H:#define SITELIB "\$sitelib" /\*\*/

?H:#define SITELIB\_EXP "\$sitelibexp" /\*\*/

?H:.

?T:prog

: determine where site specific libraries go.

set sitelib sitelib

eval \$prefixit

case "\$sitelib" in

\*)

?X: remove any trailing -3.0 or other version identification

prog=`echo \$package | \$sed 's/-\*[0-9.]\*\$//`

dflt="\$privlib/site\_\$prog" ;;

\*) dflt="\$sitelib" ;;

esac

\$cat <<EOM

The installation process will also create a directory for

site-specific extensions and modules. Some users find it convenient

to place all local files in this directory rather than in the main

distribution directory.

EOM

fn=d~+

rp='Pathname for the site-specific library files?'

```

./getfile
if $stest "X$sitelibexp" != "X$sansexp"; then
  installsitelib="
fi
sitelib="$ans"
sitelibexp="$sansexp"
if $afs; then
  $cat <<EOM

```

Since you are running AFS, I need to distinguish the directory in which private files reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```

EOM
case "$installsitelib" in
  *) dflt=`echo $sitelibexp | sed 's#^/afs/#/afs/.#`;;
  *) dflt="$installsitelib";;
esac
fn=de~
rp='Where will private files be installed?'
./getfile
installsitelib="$ans"
else
  installsitelib="$sitelibexp"
fi

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sitelib.U

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_llrintl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_llrintl:

?S: This variable conditionally defines the HAS\_LLRLNTL symbol, which

?S: indicates to the C program that the llrintl() routine is available

?S: to return the long long value closest to a long double (according

?S: to the current rounding mode).

?S:.

?C:HAS\_LLRLNTL:

?C: This symbol, if defined, indicates that the llrintl routine is

?C: available to return the long long value closest to a long double

?C: (according to the current rounding mode).

?C:.

?H:#\$d\_llrintl HAS\_LLRLNTL /\*\*/



```
?H:
?LINT:set d_llrintl
: see if llrintl exists
set llrintl d_llrintl
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llrintl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: installstyle.U,v 1.2 1999/07/13 14:56:06 doughera Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999 Andy Dougherty
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: installstyle.U,v $
```

```
?RCS: Revision 1.2 1999/07/13 14:56:06 doughera
```

```
?RCS: Fix dependencies. Add more comments.
```

```
?RCS:
```

```
?RCS: Revision 1.1 1999/07/12 17:30:41 doughera
```

```
?RCS: Initial revision
```

```
?RCS:
```

```
?RCS:
```

```
?MAKE:installstyle: prefix Myread
```

```
?MAKE: -pick add $@ %<
```

```
?X: Myread dependence is for dflt.
```

```
?S:installstyle:
```

```
?S: This variable describes the "style" of the perl installation.
```

```
?S: This is intended to be useful for tools that need to
```

```
?S: manipulate entire perl distributions. Perl itself doesn't use
```

```
?S: this to find its libraries -- the library directories are
```

```
?S: stored directly in Config.pm. Currently, there are only two
```

```
?S: styles: "lib" and "lib/perl5". The default library locations
```

```
?S: (e.g. privlib, sitelib) are either $prefix/lib or
```

```
?S: $prefix/lib/perl5. The former is useful if $prefix is a
```

```
?S: directory dedicated to perl (e.g. /opt/perl), while the latter
```

```
?S: is useful if $prefix is shared by many packages, e.g. if
```

```
?S: $prefix=/usr/local.
```

```
?S:
```

```
?S: Unfortunately, while this "style" variable is used to set
```

```
?S: defaults for all three directory hierarchies (core, vendor, and
```

```
?S: site), there is no guarantee that the same style is actually
```

?S: appropriate for all those directories. For example, \$prefix  
 ?S: might be /opt/perl, but \$siteprefix might be /usr/local.  
 ?S: (Perhaps, in retrospect, the "lib" style should never have been  
 ?S: supported, but it did seem like a nice idea at the time.)  
 ?S:  
 ?S: The situation is even less clear for tools such as MakeMaker  
 ?S: that can be used to install additional modules into  
 ?S: non-standard places. For example, if a user intends to install  
 ?S: a module into a private directory (perhaps by setting PREFIX on  
 ?S: the Makefile.PL command line), then there is no reason to  
 ?S: assume that the Configure-time \$installstyle setting will be  
 ?S: relevant for that PREFIX.  
 ?S:  
 ?S: This may later be extended to include other information, so  
 ?S: be careful with pattern-matching on the results.  
 ?S:  
 ?S: For compatibility with perl5.005 and earlier, the default  
 ?S: setting is based on whether or not \$prefix contains the string  
 ?S: "perl".  
 ?S:.  
 : determine installation style  
 : For now, try to deduce it from prefix unless it is already set.  
 : Reproduce behavior of 5.005 and earlier, maybe drop that in 5.7.  
 case "\$installstyle" in  
 ") case "\$prefix" in  
 \*perl\*) dflt='lib';;  
 \*) dflt='lib/perl5' ;;  
 esac  
 ;;  
 \*) dflt="\$installstyle" ;;  
 esac  
 : Probably not worth prompting for this since we prompt for all  
 : the directories individually, and the prompt would be too long and  
 : confusing anyway.  
 installstyle=\$dflt

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/installstyle.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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```

?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_sem.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:03 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_sem: test d_semctl d_semget d_semop Setvar Findhdr osname
?MAKE: -pick add $@ %<
?S:d_sem:
?S: This variable conditionally defines the HAS_SEM symbol, which
?S: indicates that the entire sem*(2) library is present.
?S:.
?C:HAS_SEM:
?C: This symbol, if defined, indicates that the entire sem*(2) library is
?C: supported.
?C:.
?H:#$d_sem HAS_SEM /**/
?H:.
?T:h_sem
?LINT:set d_sem
: see how much of the 'sem*(2)' library is present.
h_sem=true
echo " "
case "$d_semctl$d_semget$d_semop" in
*"$undef"*) h_sem=false;;
esac
case "$osname" in
freebsd)
  case "`ipcs 2>&1`" in
  "SVID messages"*"not configured"*)
    echo "Your $osname does not have the sem*(2) configured." >&4
    h_sem=false
  val="$undef"
  set semctl d_semctl
  eval $setvar
  set semget d_semget
  eval $setvar
  set semop d_semop
  eval $setvar
  ;;
  esac
  ;;
esac
: we could also check for sys/ipc.h ...
if $h_sem && $test `./findhdr sys/sem.h`; then
echo "You have the full sem*(2) library." >&4
val="$define"

```

```
else
echo "You don't have the full sem*(2) library." >&4
val="$undef"
fi
set d_sem
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sem.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_gethostbyname\_r.U,v ORCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_gethostbyname\_r gethostbyname\_r\_proto: Inlibc Protochk Hasproto \  
i\_systypes usethreads i\_netdb extern\_C

?MAKE: -pick add \$@ %<

?S:d\_gethostbyname\_r:

?S: This variable conditionally defines the HAS\_GETHOSTBYNAME\_R symbol,

?S: which indicates to the C program that the gethostbyname\_r()

?S: routine is available.

?S:.

?S:gethostbyname\_r\_proto:

?S: This variable encodes the prototype of gethostbyname\_r.

?S: It is zero if d\_gethostbyname\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_gethostbyname\_r

?S: is defined.

?S:.

?C:HAS\_GETHOSTBYNAME\_R:

?C: This symbol, if defined, indicates that the gethostbyname\_r routine

?C: is available to gethostbyname re-entrantly.

?C:.

?C:GETHOSTBYNAME\_R\_PROTO:

?C: This symbol encodes the prototype of gethostbyname\_r.

?C: It is zero if d\_gethostbyname\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_gethostbyname\_r

?C: is defined.

?C:.

?H:#\$d\_gethostbyname\_r HAS\_GETHOSTBYNAME\_R /\*\*/

?H:#define GETHOSTBYNAME\_R\_PROTO \$gethostbyname\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_gethostbyname\_r\_proto

```

: see if gethostbyname_r exists
set gethostbyname_r d_gethostbyname_r
eval $inlibc
case "$d_gethostbyname_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_gethostbyname_r_proto:$susetheads" in
":define") d_gethostbyname_r_proto=define
set d_gethostbyname_r_proto gethostbyname_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_gethostbyname_r_proto" in
define)
case "$gethostbyname_r_proto" in
"|0) try='int gethostbyname_r(const char*, struct hostent*, char*, size_t, struct hostent**, int*);'
./prochck "$extern_C $try" $hdrs && gethostbyname_r_proto=I_CSBWRE ;;
esac
case "$gethostbyname_r_proto" in
"|0) try='struct hostent* gethostbyname_r(const char*, struct hostent*, char*, int, int*);'
./prochck "$extern_C $try" $hdrs && gethostbyname_r_proto=S_CSBIE ;;
esac
case "$gethostbyname_r_proto" in
"|0) try='int gethostbyname_r(const char*, struct hostent*, struct hostent_data*);'
./prochck "$extern_C $try" $hdrs && gethostbyname_r_proto=I_CSD ;;
esac
case "$gethostbyname_r_proto" in
"|0) d_gethostbyname_r=undef
gethostbyname_r_proto=0
echo "Disabling gethostbyname_r, cannot determine prototype." >&4 ;;
* ) case "$gethostbyname_r_proto" in
REENTRANT_PROTO*) ;;
*) gethostbyname_r_proto="REENTRANT_PROTO_$gethostbyname_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetheads" in
define) echo "gethostbyname_r has no prototype, not using it." >&4 ;;
esac
d_gethostbyname_r=undef
gethostbyname_r_proto=0
;;
esac
;;
*) gethostbyname_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_gethostbyname\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: pidtype.U,v 3.0.1.1 1994/08/29 16:31:27 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: pidtype.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:31:27 ram

?RCS: patch32: now uses new Typedef unit to compute type information

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:33 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:pidtype: Myread Typedef

?MAKE: -pick add \$@ %<

?S:pidtype:

?S: This variable defines PIDTYPE to be something like pid\_t, int,

?S: ushort, or whatever type is used to declare process ids in the kernel.

?S:.

?C:Pid\_t (PIDTYPE):

?C: This symbol holds the type used to declare process ids in the kernel.

?C: It can be int, uint, pid\_t, etc... It may be necessary to include

?C: <sys/types.h> to get any typedef'ed information.

?C:.

?H:#define Pid\_t \$pidtype /\* PID type \*/

?H:.

?LINT: set pidtype

: see what type pids are declared as in the kernel

rp="What is the type of process ids on this system?"

set pid\_t pidtype int stdio.h sys/types.h

eval \$typedef\_ask

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/pidtype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:  
 ?RCS: Copyright (c) 2000 Jarkko Hietaniemi  
 ?RCS:  
 ?RCS: You may distribute under the terms of either the GNU General Public  
 ?RCS: License or the Artistic License, as specified in the README file.  
 ?RCS:  
 ?MAKE:d\_fchdir: Inlibc  
 ?MAKE: -pick add \$@ %<  
 ?S:d\_fchdir:  
 ?S: This variable conditionally defines the HAS\_FCHDIR symbol, which  
 ?S: indicates to the C program that the fchdir() routine is available.  
 ?S:.  
 ?C:HAS\_FCHDIR:  
 ?C: This symbol, if defined, indicates that the fchdir routine is  
 ?C: available to change directory using a file descriptor.  
 ?C:.  
 ?H:#\$d\_fchdir HAS\_FCHDIR /\*\*/  
 ?H:.  
 ?LINT:set d\_fchdir  
 : see if fchdir exists  
 set fchdir d\_fchdir  
 eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fchdir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
 ?RCS:  
 ?RCS: Copyright (c) 1999, Jarkko Hietaniemi  
 ?RCS:  
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 ?RCS: You may reuse parts of this distribution only within the terms of  
 ?RCS: that same Artistic License; a copy of which may be found at the root  
 ?RCS: of the source tree for dist 3.0.  
 ?RCS:  
 ?MAKE:full\_ar: ar  
 ?MAKE: -pick add \$@ %<  
 ?S:full\_ar:  
 ?S: This variable contains the full pathname to 'ar', whether or  
 ?S: not the user has specified 'portability'. This is only used  
 ?S: in the Makefile.SH.  
 ?S:.  
 : Store the full pathname to the ar program for use in the C program  
 : Respect a hint or command line value for full\_ar.  
 case "\$full\_ar" in

```
) full_ar=$ar ;;  
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Loc_ar.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: nis.U,v 3.0.1.3 1997/02/28 16:17:38 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
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?RCS: You may reuse parts of this distribution only within the terms of
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?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: nis.U,v $
```

```
?RCS: Revision 3.0.1.3 1997/02/28 16:17:38 ram
```

```
?RCS: patch61: ensure suitable defaults for hostcat and friends
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.2 1995/03/21 08:48:34 ram
```

```
?RCS: patch52: continued fix for NeXT NIS/NetInfo handling
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1995/02/15 14:16:23 ram
```

```
?RCS: patch51: now correctly handles NeXT using NIS rather than NetInfo
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:09:24 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:passcat groupcat hostcat: Myread Oldconfig test contains
```

```
?MAKE: -pick add $@ %<
```

```
?S:passcat:
```

```
?S: This variable contains a command that produces the text of the
```

```
?S: /etc/passwd file. This is normally "cat /etc/passwd", but can be
```

```
?S: "ypcat passwd" when NIS is used.
```

```
?S: On some systems, such as os390, there may be no equivalent
```

```
?S: command, in which case this variable is unset.
```

```
?S:.
```

```
?S:groupcat:
```

```
?S: This variable contains a command that produces the text of the
```

```
?S: /etc/group file. This is normally "cat /etc/group", but can be
```

```
?S: "ypcat group" when NIS is used.
```

```
?S: On some systems, such as os390, there may be no equivalent
```

```
?S: command, in which case this variable is unset.
```

```
?S:.
```

```
?S:hostcat:
```



?S: This variable contains a command that produces the text of the

?S: /etc/hosts file. This is normally "cat /etc/hosts", but can be

?S: "ypcat hosts" when NIS is used.

?S: On some systems, such as os390, there may be no equivalent

?S: command, in which case this variable is unset.

?S:.

: see if we have to deal with yellow pages, now NIS.

?X: NeXT gives us some fun here, as always, by having both NIS (former YP)

?X: and NetInfo. But since it has both, it's ok to put the test inside the if.

?X: Contributed by Thomas Neumann <tom@smart.bo.open.de>.

```
if $test -d /usr/etc/yp || $test -d /etc/yp || $test -d /usr/lib/yp; then
```

```
@if passcat || groupcat
```

```
case "$passcat" in
```

```
  nidump*) ;;
```

```
*)
```

```
  case "$passcat" in
```

```
    *ypcat*) dflt=y;;
```

```
  *) if $contains '^+' /etc/passwd >/dev/null 2>&1; then
```

```
    dflt=y
```

```
  else
```

```
    dflt=n
```

```
  fi;;
```

```
*) dflt=n;;
```

```
esac
```

```
echo " "
```

```
rp='Are you getting the passwd file via yellow pages?'
```

```
./myread
```

```
case "$ans" in
```

```
  y*) passcat='ypcat passwd'
```

```
@if groupcat
```

```
  echo "(Assuming /etc/group is also distributed.)"
```

```
  groupcat='ypcat group'
```

```
@end
```

```
;;
```

```
*) passcat='cat /etc/passwd'
```

```
@if groupcat
```

```
  echo "(Assuming /etc/group is also local.)"
```

```
  groupcat='cat /etc/group'
```

```
@end
```

```
;;
```

```
esac
```

```
;;
```

```
esac
```

```
@end
```

```
@if hostcat
```

```
case "$hostcat" in
```

```
  nidump*) ;;
```

```
*)
```

```

case "$hostcat" in
*yocat*) dflt=y;;
") if $contains '^\\+' /etc/passwd >/dev/null 2>&1; then
    dflt=y
else
    dflt=n
fi;;
*) dflt=n;;
esac
echo " "
rp='Are you getting the hosts file via yellow pages?'
./myread
case "$ans" in
y*) hostcat='yocat hosts';;
*) hostcat='cat /etc/hosts';;
esac
;;
esac
@end
fi
?X: Ensure suitable default -- Manoj Srivastava
case "$hostcat" in
") test -f /etc/hosts && hostcat='cat /etc/hosts';;
esac
case "$groupcat" in
") test -f /etc/group && groupcat='cat /etc/group';;
esac
case "$passcat" in
") test -f /etc/passwd && passcat='cat /etc/passwd';;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/nis.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_bfd.U,v \$

?RCS:

?RCS: Copyright (c) 2014 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_bfd: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_bfd:

?S: This variable conditionally defines the I\_BFD symbol, and

?S: indicates whether a C program can include <bfd.h>.

?S:  
?C:I\_BFD:  
?C: This symbol, if defined, indicates that <bfd.h> exists and  
?C: can be included.  
?C:.  
?H:#\$i\_bfd I\_BFD /\*\*/  
?H:.  
?LINT:set i\_bfd  
: see if this is a bfd.h system  
set bfd.h i\_bfd  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_bfd.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_asinh: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_asinh:

?S: This variable conditionally defines the HAS\_ASINH symbol, which

?S: indicates to the C program that the asinh() routine is available.

?S:.

?C:HAS\_ASINH:

?C: This symbol, if defined, indicates that the asinh routine is

?C: available to do the inverse hyperbolic sine function.

?C:.

?H:#\$d\_asinh HAS\_ASINH /\*\*/  
?H:.

?LINT:set d\_asinh

: see if asinh exists

set asinh d\_asinh

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_asinh.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_shmtd.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_shmdt.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:19 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_shmdt: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_shmdt:  
?S: This variable conditionally defines the HAS\_SHMDT symbol, which  
?S: indicates to the C program that the shmdt() routine is available.  
?S:.  
?C:HAS\_SHMDT:  
?C: This symbol, if defined, indicates that the shmdt() routine is  
?C: available to detach a shared memory segment from the process space.  
?C:.  
?H:#\$d\_shmdt HAS\_SHMDT /\*\*/  
?H:.  
?LINT:set d\_shmdt  
: see if shmdt exists  
set shmdt d\_shmdt  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_shmdt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_msgctl.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
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?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_msgctl.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:38 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_msgctl: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_msgctl:  
?S: This variable conditionally defines the HAS\_MSGCTL symbol, which

?S: indicates to the C program that the msgctl() routine is available.

?S:.

?C:HAS\_MSGCTL:

?C: This symbol, if defined, indicates that the msgctl() routine is

?C: available to perform message control operations.

?C:.

?H:#\$d\_msgctl HAS\_MSGCTL /\*\*/

?H:.

?LINT:set d\_msgctl

: see if msgctl exists

set msgctl d\_msgctl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_msgctl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_dld.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: i\_dld.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:20:07 ram

?RCS: patch36: created by ADO

?RCS:

?MAKE:i\_dld: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_dld:

?S: This variable conditionally defines the I\_DLD symbol, which

?S: indicates to the C program that <dld.h> (GNU dynamic loading)

?S: exists and should be included.

?S:.

?C:I\_DLD:

?C: This symbol, if defined, indicates that <dld.h> exists and should

?C: be included before using GNU dynamic loading features.

?C:.

?H:#\$i\_dld I\_DLD /\*\*/

?H:.

?LINT:set i\_dld

: see if dld is available

set dld.h i\_dld

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_dld.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_arpainet.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_arpainet.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:15 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_arpainet: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_arpainet:

?S: This variable conditionally defines the I\_ARPA\_INET symbol,

?S: and indicates whether a C program should include <arpa/inet.h>.

?S:.

?C:I\_ARPA\_INET:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <arpa/inet.h> to get inet\_addr and friends declarations.

?C:.

?H:#\$i\_arpainet I\_ARPA\_INET /\*\*/

?H:.

?LINT:set i\_arpainet

: see if arpa/inet.h has to be included

set arpa/inet.h i\_arpainet

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_arpainet.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Copyright (c) 2001 Jarkko Hietaniemi  
?RCS:  
?MAKE:run to from targetarch usecrosscompile: src awk cat grep test rm \  
echo sed mkdir cp touch chmod  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:usecrosscompile:  
?S: This variable conditionally defines the USE\_CROSS\_COMPILE symbol,  
?S: and indicates that our package has been cross-compiled.  
?S:.  
?S:run:  
?S: This variable contains the command used by Configure  
?S: to copy and execute a cross-compiled executable in the  
?S: target host. Useful and available only during the build.  
?S: Empty string " if not cross-compiling.  
?S:.  
?S:from:  
?S: This variable contains the command used by Configure  
?S: to copy files from the target host. Useful and available  
?S: only during the build.  
?S: The string ':' if not cross-compiling.  
?S:.  
?S:to:  
?S: This variable contains the command used by Configure  
?S: to copy to from the target host. Useful and available  
?S: only during the build.  
?S: The string ':' if not cross-compiling.  
?S:.  
?S:targetarch:  
?S: If cross-compiling, this variable contains the target architecture.  
?S: If not, this will be empty.  
?S:.  
?C:USE\_CROSS\_COMPILE:  
?C: This symbol, if defined, indicates that the package is being  
?C: cross-compiled.  
?C:.  
?C:CROSS\_TARGET\_ARCH:  
?C: This symbol, if defined, indicates the target architecture  
?C: the package has been cross-compiled to.  
?C: Undefined if not a cross-compile.  
?C:.

```

?H:?usecrosscompile:#ifndef USE_CROSS_COMPILE
?H:?usecrosscompile:#$usecrosscompile USE_CROSS_COMPILE /**/
?H:?usecrosscompile:#define CROSS_TARGET_ARCH "$targetarch" /**/
?H:?usecrosscompile:#endif
?H:.
?T:croak pwd exe f q i j cwd
?LINT:extern usecrosscompile
?LINT:extern cc
?LINT:extern usrinc
?LINT:change usrinc
?LINT:change ar
?LINT:change nm
?LINT:change ranlib
?LINT:extern targethost
?LINT:extern targetdir
?LINT:change targetdir
?LINT:extern targetuser
?LINT:change targetuser
?LINT:extern targetrun
?LINT:extern targetfrom
?LINT:extern targetto
?LINT:extern targetmkdir
?LINT:change targetrun
?LINT:change targetfrom
?LINT:change targetto
?LINT:change targetmkdir
?LINT:extern incpth
?LINT:extern libpth
?LINT:change incpth
?LINT:change libpth
?LINT:extern locincpth
?LINT:extern loclibpth
?LINT:change locincpth
?LINT:change loclibpth
?LINT:extern TMPDIR
: setup for possible cross-compilation
run="
to=:
from=:
usecrosscompile='undef'
targetarch="
case "$usecrosscompile" in
$define|true|[yY]*)
@if { test -d ../Cross }
?X:
?X: Cross-compilation is enabled when there is a 'Cross' directory found
?X: at the root of the package. This directory must contain the following
?X: entries for defining the cross-compilation process:

```



?X:  
?X: FIXME FIXME  
?X: WE MUST DISTINGUISH BETWEEN LOCAL cross-compiling AND REMOTE ONE  
?X: ACTUALLY, REMOTE COMPILATION SHOULD BE CONFIGURED INTERACTIVELY  
?X: IT WILL COPY ALL THE FILES FROM THE MANIFEST DOWN TO THE REMOTE DIR...  
?X: (and copy things like 'mkdep', etc...)

?X:  
\$echo "Cross-compiling..."

```
croak=""
case "$cc" in
*-*-gcc)
```

?X: A cross-compiling gcc, probably.

```
targetarch=`$echo $cc|$sed 's/-gcc$//'`
ar=$targetarch-ar
```

?X: leave out ld, choosing it is more complex

```
nm=$targetarch-nm
ranlib=$targetarch-ranlib
$echo 'extern int foo;' > try.c
set X ` $cc -v -E try.c 2>&1 | \
$awk '/^#include </,/^End of search /|'$grep '/include`
shift
```

```
if $test $# -gt 0; then
```

```
    incpth="$incpth $*"
    incpth=""`$echo $incpth|$sed 's/^ //'`
```

```
echo "Guessing incpth '$incpth'." >&4
```

```
for i in $*; do
```

```
    j=""`$echo $i|$sed 's,/include$,/lib,`"
```

```
    if $test -d $j; then
```

```
        libpth="$libpth $j"
```

```
    fi
```

```
done
```

```
libpth=""`$echo $libpth|$sed 's/^ //'`
```

```
echo "Guessing libpth '$libpth'." >&4
```

```
fi
```

```
$rm -f try.c
```

```
;;
```

```
esac
```

```
case "$targetarch" in
```

```
) echo "Targetarch not defined." >&4; croak=y ;;
```

```
*) echo "Using targetarch $targetarch." >&4 ;;
```

```
esac
```

```
case "$incpth" in
```

```
) echo "Incpth not defined." >&4; croak=y ;;
```

```
*) echo "Using incpth '$incpth'." >&4 ;;
```

```
esac
```

```
case "$libpth" in
```

```
) echo "Libpth not defined." >&4; croak=y ;;
```

```
*) echo "Using libpth '$libpth'." >&4 ;;
```

```

esac
case "$usrinc" in
")
for i in $incpth; do
if $test -f $i/errno.h -a -f $i/stdio.h -a -f $i/time.h; then
usrinc=$i
echo "Guessing usrinc $usrinc." >&4
break
fi
done
case "$usrinc" in
") echo "Usrinc not defined." >&4; croak=y ;;
esac
;;
*) echo "Using usrinc $usrinc." >&4 ;;
esac
case "$targethost" in
") echo "Targethost not defined." >&4; croak=y ;;
*) echo "Using targethost $targethost." >&4
esac
locincpth=''
loclibpth=''
case "$croak" in
y) echo "Cannot continue, aborting." >&4; exit 1 ;;
esac
case "$src" in
/*) run=$src/Cross/run
targetmkdir=$src/Cross/mkdir
to=$src/Cross/to
from=$src/Cross/from
;;
*) pwd=`$test -f ../Configure & cd ..; pwd`
run=$pwd/Cross/run
targetmkdir=$pwd/Cross/mkdir
to=$pwd/Cross/to
from=$pwd/Cross/from
;;
esac
case "$targetrun" in
") targetrun=ssh ;;
esac
case "$targetto" in
") targetto=scp ;;
esac
case "$targetfrom" in
") targetfrom=scp ;;
esac
run=$run-$targetrun

```

```

to=$to-$targetto
from=$from-$targetfrom
case "$targetdir" in
")
targetdir="{TMPDIR:-/tmp}"
echo "Guessing targetdir $targetdir." >&4
;;
esac
case "$targetuser" in
")
targetuser=root
echo "Guessing targetuser $targetuser." >&4
;;
esac
case "$targetfrom" in
scp) q=-q ;;
*) q=" ;;
esac
case "$targetrun" in
ssh|rsh)
$cat >$run <<EOF
#!/bin/sh
case "\$1" in
-cwd)
shift
cwd=\$1
shift
;;
esac
case "\$cwd" in
") cwd=$targetdir ;;
esac
exe=\$1
shift
if $test ! -f \$exe.xok; then
$to \$exe
$touch \$exe.xok
fi
$targetrun -l $targetuser $targethost "cd \$cwd && ./$exe \$@"
EOF
;;
*) echo "Unknown targetrun '$targetrun'" >&4
exit 1
;;
esac
case "$targetmkdir" in
*/Cross/mkdir)
$cat >$targetmkdir <<EOF

```

```

#!/bin/sh
$targetrun -l $targetuser $targethost "mkdir -p \${@}"
EOF
    $chmod a+rx $targetmkdir
    ;;
*) echo "Unknown targetmkdir '$targetmkdir'" >&4
    exit 1
    ;;
esac
case "$targetto" in
scp|rcp)
    $cat >$to <<EOF
#!/bin/sh
for f in \${@}
do
case "\${f}" in
/*)
    $targetmkdir \dirname \${f}\
    $targetto $q \${f} $targetuser@$targethost:\${f}      || exit 1
    ;;
*)
    $targetmkdir $targetdir/\dirname \${f}\
    $targetto $q \${f} $targetuser@$targethost:$targetdir/\${f} || exit 1
    ;;
esac
done
exit 0
EOF
    ;;
cp) $cat >$to <<EOF
#!/bin/sh
for f in \${@}
do
case "\${f}" in
/*)
    $mkdir -p $targetdir/\dirname \${f}\
    $cp \${f} $targetdir/\${f} || exit 1
    ;;
*)
    $targetmkdir $targetdir/\dirname \${f}\
    $cp \${f} $targetdir/\${f} || exit 1
    ;;
esac
done
exit 0
EOF
    ;;
*) echo "Unknown targetto '$targetto'" >&4

```

```

    exit 1
    ;;
esac
case "$targetfrom" in
scp|rcp)
    $cat >$from <<EOF
#!/bin/sh
for f in @$@
do
    $rm -f $f
    $targetfrom $q $targetuser@$targethost:$targetdir/$f . || exit 1
done
exit 0
EOF
    ;;
cp) $cat >$from <<EOF
#!/bin/sh
for f in @$@
do
    $rm -f $f
    cp $targetdir/$f . || exit 1
done
exit 0
EOF
    ;;
*) echo "Unknown targetfrom '$targetfrom'" >&4
    exit 1
    ;;
esac
if $test ! -f $run; then
    echo "Target 'run' script '$run' not found." >&4
else
    $chmod a+rx $run
fi
if $test ! -f $to; then
    echo "Target 'to' script '$to' not found." >&4
else
    $chmod a+rx $to
fi
if $test ! -f $from; then
    echo "Target 'from' script '$from' not found." >&4
else
    $chmod a+rx $from
fi
if $test ! -f $run -o ! -f $to -o ! -f $from; then
    exit 1
fi
$cat >&4 <<EOF

```

Using '\$run' for remote execution,  
and '\$from' and '\$to'  
for remote file transfer.

EOF

@else

echo "Cross-compilation is not supported for this package." >&4

exit 1

@end

::

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Cross.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_shm.U,v 3.0 1993/08/18 12:07:17 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d\_shm.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:17 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_shm: test d\_shmctl d\_shmget d\_shmat d\_shmdt Setvar Findhdr osname

?MAKE: -pick add \$@ %<

?S:d\_shm:

?S: This variable conditionally defines the HAS\_SHM symbol, which

?S: indicates that the entire shm\*(2) library is present.

?S:.

?C:HAS\_SHM:

?C: This symbol, if defined, indicates that the entire shm\*(2) library is

?C: supported.

?C:.

?H:#\$d\_shm HAS\_SHM /\*\*/

?H:.

?T:h\_shm

?LINT:set d\_shm

: see how much of the 'shm\*(2)' library is present.

h\_shm=true

echo " "

case "\$d\_shmctl\$d\_shmget\$d\_shmat\$d\_shmdt" in

```

*"$undef"*) h_shm=false;;
esac
case "$osname" in
freebsd)
  case "`ipcs 2>&1`" in
  "SVID shared memory"*"not configured"*)
  echo "Your $osname does not have the shm*(2) configured." >&4
    h_shm=false
  val="$undef"
  set shmctl d_shmctl
  eval $setvar
  set shmget d_shmget
  eval $setvar
  set shmat d_shmat
  eval $setvar
  set shmdt d_shmdt
  eval $setvar
  ;;
  esac
  ;;
esac
: we could also check for sys/ipc.h ...
if $h_shm && $test `./findhdr sys/shm.h`; then
  echo "You have the full shm*(2) library." >&4
  val="$define"
else
  echo "You don't have the full shm*(2) library." >&4
  val="$undef"
fi
set d_shm
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_shm.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_mkfifo.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:  
?RCS: \$Log: d\_mkfifo.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/29 16:14:17 ram  
?RCS: patch36: created by ADO  
?RCS:  
?RCS:  
?MAKE:d\_mkfifo: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_mkfifo:  
?S: This variable conditionally defines the HAS\_MKFIFO symbol, which  
?S: indicates to the C program that the mkfifo() routine is available.  
?S:.  
?C:HAS\_MKFIFO :  
?C: This symbol, if defined, indicates that the mkfifo routine is  
?C: available to create FIFOs. Otherwise, mknod should be able to  
?C: do it for you. However, if mkfifo is there, mknod might require  
?C: super-user privileges which mkfifo will not.  
?C:.  
?H:#\$d\_mkfifo HAS\_MKFIFO /\*\*/  
?H:.  
?LINT:set d\_mkfifo  
: see if mkfifo exists  
set mkfifo d\_mkfifo  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_mkfifo.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getlogin.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_getlogin.U,v \$  
?RCS: Revision 3.0.1.1 1994/08/29 16:07:41 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_getlogin: Inlibc  
?MAKE: -pick add \$@ %<



?S:d\_getlogin:

?S: This variable conditionally defines the HAS\_GETLOGIN symbol, which

?S: indicates to the C program that the getlogin() routine is available

?S: to get the login name.

?S:.

?C:HAS\_GETLOGIN :

?C: This symbol, if defined, indicates that the getlogin routine is

?C: available to get the login name.

?C:.

?H:#\$d\_getlogin HAS\_GETLOGIN /\*\*/

?H:.

?LINT:set d\_getlogin

: see if getlogin exists

set getlogin d\_getlogin

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_getlogin.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: libc.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: libc.U,v \$

?RCS: Revision 3.0.1.10 1997/02/28 15:56:48 ram

?RCS: patch61: replaced .a with \$\_a all over the place

?RCS: patch61: added support for HPUX-10 nm output

?RCS:

?RCS: Revision 3.0.1.9 1995/07/25 14:11:56 ram

?RCS: patch56: now knows about OS/2 platforms

?RCS:

?RCS: Revision 3.0.1.8 1995/05/12 12:20:47 ram

?RCS: patch54: made sure only most recent version of shared lib is picked

?RCS: patch54: final "nm -p" check now uses xscan and xrun like everybody

?RCS: patch54: can now grok Linux nm output with lead \_\_IO (ADO)

?RCS: patch54: added support for Linux ELF output, using 'W' for alias (ADO)

?RCS:

?RCS: Revision 3.0.1.7 1994/10/29 16:23:40 ram

?RCS: patch36: now looks for shared libraries before anything else (ADO)

?RCS: patch36: added new nm output format (ADO)

?RCS:  
?RCS: Revision 3.0.1.6 1994/08/29 16:28:10 ram  
?RCS: patch32: added I-type symbols for nm output parsing on Linux  
?RCS:  
?RCS: Revision 3.0.1.5 1994/06/20 07:03:24 ram  
?RCS: patch30: checks are now presented by succession of if/elif  
?RCS: patch30: uniformized checks for shared objects with new so symbol  
?RCS:  
?RCS: Revision 3.0.1.4 1994/05/06 15:06:33 ram  
?RCS: patch23: added shared library knowledge (ADO and WED)  
?RCS:  
?RCS: Revision 3.0.1.3 1994/01/24 14:12:17 ram  
?RCS: patch16: can now export nm\_extract as an internal-use only variable  
?RCS:  
?RCS: Revision 3.0.1.2 1993/09/13 16:09:03 ram  
?RCS: patch10: added special handling for Apollo systems (WAD)  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/27 14:40:03 ram  
?RCS: patch7: added entry for /usr/shlib/libc.so (OSF/1 machines)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:08:57 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:libc +nm\_extract: echo n c rm test grep Getfile Myread Oldconfig Loc \  
sed libs incpath libpth ar runnm nm nm\_opt nm\_so\_opt contains xlibpth \  
so \_a \_o osname trnl tr sort uniq sysroot  
?MAKE: -pick add \$@ %<  
?S:libc:  
?S: This variable contains the location of the C library.  
?S:.  
?S:nm\_extract:  
?S: This variable holds the name of the extraction command used to process  
?S: the output of nm and yield the list of defined symbols. It is used  
?S: internally by Configure.  
?S:.  
?T:thislib try libnames xxx xscan xrun thisname com tans file  
?F:!libnames !libc.tmp !tmp.imp  
?LINT:extern PASE  
?LINT:extern libnames  
?LINT:change nm\_opt  
?INIT:libnames="  
: Figure out where the libc is located  
case "\$runnm" in  
true)  
?X: indentation is wrong on purpose--RAM  
: get list of predefined functions in a handy place  
echo " "  
case "\$libc" in

```

") libc=unknown
case "$libs" in
*-lc_s*) libc=`./loc libc_s$_a $libc $libpth`
esac
;;
esac
case "$libs" in
") ;;
*) for thislib in $libs; do
case "$thislib" in
-lc|-lc_s)
: Handle C library specially below.
;;
-l*)
thislib=`echo $thislib | $sed -e 's/^-l//'`
if try=`./loc lib$thislib.$so.*' X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib.$so X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib$_a X $libpth`; $test -f "$try"; then
:
elif try=`./loc $thislib$_a X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib X $libpth`; $test -f "$try"; then
:
elif try=`./loc $thislib X $libpth`; $test -f "$try"; then
:
elif try=`./loc $lib$thislib$_a X $xlibpth`; $test -f "$try"; then
:
else
try=""
fi
libnames="$libnames $try"
;;
*) libnames="$libnames $thislib" ;;
esac
done
;;
esac
?X:
?X: Some systems (e.g. DG/UX) use "environmental" links, which make the test
?X: -f fail. Ditto for symbolic links. So in order to reliably check the
?X: existence of a file, we use test -r. It will still fail with DG/UX links
?X: though, but at least it will detect symbolic links. At some strategic
?X: points, we make use of (test -h), using a sub-shell in case builtin test
?X: does not implement the -h check for symbolic links. This makes it
?X: possible to preset libc in a hint file for instance and have it show up
?X: as-is in the question.

```

```

?X:
xxx=normal
case "$libc" in
unknown)
?X:
?X: The sed below transforms .so.9 .so.12 into something like .so.0009 .so.0012,
?X: then sorts on it to allow keeping .so.12 instead of .so.9 as the latest
?X: up-to-date library. The initial filename (before sed munging, saved in hold
?X: space via 'h') is appended via 'G' before sorting, then the leading munged
?X: part is removed after sorting. Nice efficient work from Tye McQueen.
?X: The initial blurfl is here to prevent the trailing pipe from producing an
?X: empty string, causing Configure to output all its set variables!
?X:
set /lib/libc.$so
for xxx in $libpth; do
$test -r $1 || set $xxx/libc.$so
: The messy sed command sorts on library version numbers.
$test -r $1 || \
set `echo blurfl; echo $xxx/libc.$so.[0-9]* | \
tr ' ' $trnl | egrep -v \.[A-Za-z]*$' | $sed -e '
h
s/[0-9][0-9]*0000&/g
s/0*\([0-9][0-9][0-9][0-9]\)\1/g
G
s/\n/ / | \
$sort | $sed -e 's/^.* //'^
eval set `set`
done
$test -r $1 || set $sysroot/usr/ccs/lib/libc.$so
$test -r $1 || set $sysroot/lib/libsys_s$_a
;;
*)
?X: ensure the test below for the (shared) C library will fail
set blurfl
;;
esac
if $test -r "$1"; then
echo "Your (shared) C library seems to be in $1."
libc="$1"
elif $test -r /lib/libc && $test -r /lib/clib; then
?X:
?X: Apollo has its C library in /lib/clib AND /lib/libc
?X: not to mention its math library in /lib/syslib...
?X:
echo "Your C library seems to be in both /lib/clib and /lib/libc."
xxx=apollo
libc='/lib/clib /lib/libc'
if $test -r /lib/syslib; then

```

```

    echo "(Your math library is in /lib/syslib.)"
?X: Put syslib in libc -- not quite right, but won't hurt
    libc="$libc /lib/syslib"
fi
elif $test -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
    echo "Your C library seems to be in $libc, as you said before."
?X: For mips, and...
elif $test -r $incpath/usr/lib/libc$_a; then
    libc=$incpath/usr/lib/libc$_a;
    echo "Your C library seems to be in $libc. That's fine."
elif $test -r /lib/libc$_a; then
    libc=/lib/libc$_a;
    echo "Your C library seems to be in $libc. You're normal."
else
if tans=`./loc libc$_a blurfl/dyick $libpth`; $test -r "$stans"; then
:
elif tans=`./loc libc blurfl/dyick $libpth`; $test -r "$stans"; then
    libnames="$libnames "`./loc clib blurfl/dyick $libpth`
elif tans=`./loc clib blurfl/dyick $libpth`; $test -r "$stans"; then
:
elif tans=`./loc Slibc$_a blurfl/dyick $xlibpth`; $test -r "$stans"; then
:
elif tans=`./loc Mlibc$_a blurfl/dyick $xlibpth`; $test -r "$stans"; then
:
else
    tans=`./loc Llibc$_a blurfl/dyick $xlibpth`
fi
if $test -r "$stans"; then
    echo "Your C library seems to be in $stans, of all places."
    libc=$stans
else
    libc='blurfl'
fi
fi
if $test $xxx = apollo -o -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
    dflt="$libc"
cat <<EOM

```

If the guess above is wrong (which it might be if you're using a strange compiler, or your machine supports multiple models), you can override it here.

```

EOM
else
    dflt=""
echo $libpth | $tr ' ' $trnl | $sort | $uniq > libpath
cat >&4 <<EOM

```

I can't seem to find your C library. I've looked in the following places:

```
EOM
$sed 's/^/ /' libpath
cat <<EOM
```

None of these seems to contain your C library. I need to get its name...

```
EOM
fi
fn=f
rp='Where is your C library?'
./getfile
libc="$ans"

echo " "
echo $libc $libnames | $tr ' ' $trnl | $sort | $uniq > libnames
set X `cat libnames`
shift
xxx=files
case $# in 1) xxx=file; esac
echo "Extracting names from the following $xxx for later perusal:" >&4
echo " "
$sed 's/^/ /' libnames >&4
echo " "
$echo $n "This may take a while...$c" >&4
```

?X:

?X: Linux may need the special Dynamic option to nm for shared libraries.

?X: In general, this is stored in the nm\_so\_opt variable.

?X: Unfortunately, that option may be fatal on non-shared libraries.

?X:

```
for file in $*; do
case $file in
*$so*) $nm $nm_so_opt $nm_opt $file 2>/dev/null;;
*) $nm $nm_opt $file 2>/dev/null;;
esac
done >libc.tmp
```

```
$echo $n ".$c"
```

?X:

?X: To accelerate processing, we look at the correct 'sed' command

?X: by using a small subset of libc.tmp, i.e. fprintf function.

?X: When we know which sed command to use, do the name extraction

?X:

```
$grep fprintf libc.tmp > libc.ptf
```

?X:

?X: In order to enhance readability and save some space, we define

?X: some variables that will be "eval"ed.

?X:

```

xscan='eval "<libc.ptf $com >libc.list"; $echo $n ".$c" >&4'
xrun='eval "<libc.tmp $com >libc.list"; echo "done." >&4'
?X: BSD-like output, I and W types added for Linux
?X: Some versions of Linux include a leading __IO in the symbol name.
?X: HP-UX 10 reportedly has trailing spaces, though I'm surprised it has
?X: BSD-like output. (AD).
?X: GNU extension: i is "indirect function"
xxx=[ADTSIW]
if com="$sed -n -e 's/___IO//' -e 's/^. * $xxx */p';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
?X: SYSV-like output
elif com="$sed -n -e 's/^_*/' -e 's/^\([a-zA-Z_0-9]*\).*xtern.*\1/p';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e '/UNDEF/d' -e '/FUNC..GL/s/^. *|_*/p';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e 's/^. * D */p' -e 's/^. * D //p';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e 's/^_/' -e 's/^\([a-zA-Z_0-9]*\).*xtern.*text.*\1/p';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e 's/^. *|FUNC |GLOB .*/p';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$grep '|' | $sed -n -e '/COMMON/d' -e '/DATA/d' \
-e '/file/d' -e 's/^\([ ]*\).*\1/p';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e 's/^. *|FUNC |GLOB .*/p' -e 's/^. *|FUNC |WEAK .*/p';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
?X: mips nm output (sysV)
elif com="$sed -n -e 's/^_/' -e '/Undef/d' -e '/Proc/s/.*\1/p';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e 's/^. *|Proc .*|Text *| */p';\

```

```

eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
    eval $xrun
elif com="$sed -n -e '/Def. Text/s/.*/ \([^\ ]*\)\$/1/p";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
    eval $xrun
?X: OS/2 nm output
elif com="$sed -n -e 's/^[0-9a-f ]*_\(.*)=.*\1/p";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
    eval $xrun
elif com="$sed -n -e 's/.*\.text n\ \ \ \./p";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
    eval $xrun
?X: AIX nm output
elif com="sed -n -e 's/^\_.*//' -e 's/[ \ ]*D[ \ ]*[0-9]*.*//p";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
    eval $xrun
else
$nm -p $* 2>/dev/null >libc.tmp
$grep fprintf libc.tmp > libc.ptf
if com="$sed -n -e 's/^\. [ADTSIW] *_[_.]*/p' -e 's/^\. [ADTSIW] //p";\
eval $xscan; $contains '^fprintf$' libc.list >/dev/null 2>&1
then
    nm_opt='-p'
    eval $xrun
else
    echo " "
    echo "$nm didn't seem to work right. Trying $ar instead..." >&4
    com="
if $ar t $libc > libc.tmp && \
    $contains '^fprintf$' libc.tmp >/dev/null 2>&1
then
    for thisname in $libnames $libc; do
        $ar t $thisname >>libc.tmp
    done
    $sed -e "s/\$_o\$//" < libc.tmp > libc.list
    echo "Ok." >&4
    elif test "X$osname" = "Xos2" && $ar tv $libc > libc.tmp; then
?X: Repeat libc to extract forwarders to DLL entries too
    for thisname in $libnames $libc; do
        $ar tv $thisname >>libc.tmp
?X: Revision 50 of EMX has bug in ar: it will not extract forwarders
?X: to DLL entries. Use emximp which will extract exactly them.
        emximp -o tmp.imp $thisname \

```



```

2>/dev/null && \
$sed -e 's/^\([_a-zA-Z0-9]*\) .*$/1/p' \
< tmp.imp >>libc.tmp
$rm -f tmp.imp
done
$sed -e "s/\\$_o\\$/"" -e 's/^ \\+/" < libc.tmp > libc.list
echo "Ok." >&4
else
echo "$ar didn't seem to work right." >&4
echo "Maybe this is a Cray...trying bld instead..." >&4
if bld t $libc | \
$sed -e 's/.*/"/ -e "s/\\$_o:.*$/"" > libc.list &&
$test -s libc.list
then
for thisname in $libnames; do
bld t $libnames | \
$sed -e 's/.*/"/ -e "s/\\$_o:.*$/"" >>libc.list
$ar t $thisname >>libc.tmp
done
echo "Ok." >&4
else
echo "That didn't work either. Giving up." >&4
exit 1
fi
fi
fi
fi
nm_extract="$com"
case "$PASE" in
define)
echo " "
echo "Since you are compiling for PASE, extracting more symbols from libc.a ..." >&4
dump -Tv /lib/libc.a | awk '$7 == "/unix" {print $5 " " $8}' | grep "^SV" | awk '{print $2}' >> libc.list
;;
*) if $test -f /lib/syscalls.exp; then
echo " "
echo "Also extracting names from /lib/syscalls.exp for good ole AIX..." >&4
$sed -n 's/^\([^\ ]*\)[ \]*syscall[0-9]*[ \]*$/1/p' \
/lib/syscalls.exp >>libc.list
fi
;;
esac
;;
esac
$rm -f libnames libpath

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/modified/libc.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ttyname_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_ttyname_r ttyname_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_unistd extern_C
?MAKE: -pick add $@ %<
?S:d_ttyname_r:
?S: This variable conditionally defines the HAS_TTYNAME_R symbol,
?S: which indicates to the C program that the ttyname_r()
?S: routine is available.
?S:.
?S:ttyname_r_proto:
?S: This variable encodes the prototype of ttyname_r.
?S: It is zero if d_ttyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ttyname_r
?S: is defined.
?S:.
?C:HAS_TTYNAME_R:
?C: This symbol, if defined, indicates that the ttyname_r routine
?C: is available to ttyname re-entrantly.
?C:.
?C:TTYNAME_R_PROTO:
?C: This symbol encodes the prototype of ttyname_r.
?C: It is zero if d_ttyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ttyname_r
?C: is defined.
?C:.
?H:#$d_ttyname_r HAS_TTYNAME_R /**/
?H:#define TTYNAME_R_PROTO $ttyname_r_proto /**/
?H:.
?T:try hdrs d_ttyname_r_proto
: see if ttyname_r exists
set ttyname_r d_ttyname_r
eval $inlibc
case "$d_ttyname_r" in
"$define")
  hdrs="$i_systypes sys/types.h define stdio.h $i_unistd unistd.h"
  case "$d_ttyname_r_proto:$usethreads" in
  ":define") d_ttyname_r_proto=define
  set d_ttyname_r_proto ttyname_r $hdrs
```

```

eval $hasproto ;;
*) ;;
esac
case "$d_ttyname_r_proto" in
define)
case "$ttyname_r_proto" in
"|0) try='int ttyname_r(int, char*, size_t);'
./protochk "$extern_C $try" $hdrs && ttyname_r_proto=I_IBW ;;
esac
case "$ttyname_r_proto" in
"|0) try='int ttyname_r(int, char*, int);'
./protochk "$extern_C $try" $hdrs && ttyname_r_proto=I_IBI ;;
esac
case "$ttyname_r_proto" in
"|0) try='char* ttyname_r(int, char*, int);'
./protochk "$extern_C $try" $hdrs && ttyname_r_proto=B_IBI ;;
esac
case "$ttyname_r_proto" in
"|0) d_ttyname_r=undef
ttyname_r_proto=0
echo "Disabling ttyname_r, cannot determine prototype." >&4 ;;
* ) case "$ttyname_r_proto" in
REENTRANT_PROTO*) ;;
*) ttyname_r_proto="REENTRANT_PROTO_${ttyname_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "ttyname_r has no prototype, not using it." >&4 ;;
esac
d_ttyname_r=undef
ttyname_r_proto=0
;;
esac
;;
*) ttyname_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_ttyname_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_vfork.U,v 3.0.1.6 1994/08/29 16:18:21 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: d\_vfork.U,v \$  
?RCS: Revision 3.0.1.6 1994/08/29 16:18:21 ram  
?RCS: patch32: set default to 'y' the first time  
?RCS:  
?RCS: Revision 3.0.1.5 1994/06/20 06:59:14 ram  
?RCS: patch30: usevfork was not always properly set  
?RCS:  
?RCS: Revision 3.0.1.4 1994/05/13 15:20:56 ram  
?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)  
?RCS:  
?RCS: Revision 3.0.1.3 1994/05/06 14:59:09 ram  
?RCS: patch23: now explicitly ask whether vfork() should be used (ADO)  
?RCS:  
?RCS: Revision 3.0.1.2 1993/10/16 13:49:39 ram  
?RCS: patch12: added magic for vfork()  
?RCS:  
?RCS: Revision 3.0.1.1 1993/09/13 16:06:57 ram  
?RCS: patch10: removed automatic remapping of vfork on fork (WAD)  
?RCS: patch10: added compatibility code for older config.sh (WAD)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:07:55 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_vfork usevfork d\_pseudofork: Inlibc Myread Oldconfig Setvar  
?MAKE: -pick add \$@ %<  
?S:d\_vfork:  
?S: This variable conditionally defines the HAS\_VFORK symbol, which  
?S: indicates the vfork() routine is available.  
?S:.  
?S:usevfork:  
?S: This variable is set to true when the user accepts to use vfork.  
?S: It is set to false when no vfork is available or when the user  
?S: explicitly requests not to use vfork.  
?S:.  
?S:d\_pseudofork:  
?S: This variable conditionally defines the HAS\_PSEUDOFORK symbol,  
?S: which indicates that an emulation of the fork routine is available.  
?S:.  
?C:HAS\_VFORK (VFORK):  
?C: This symbol, if defined, indicates that vfork() exists.  
?C:.

```

?H:#$d_vfork HAS_VFORK /**/
?H:.
?C:HAS_PSEUDOFORK:
?C: This symbol, if defined, indicates that an emulation of the
?C: fork routine is available.
?C:.
?H:#$d_pseudofork HAS_PSEUDOFORK /**/
?H:.
?M:vfork: HAS_VFORK
?M:#ifndef HAS_VFORK
?M:#define vfork fork
?M:#endif
?M:.
?T:d_hvfork
: backward compatibility for d_hvfork
if test X$d_hvfork != X; then
d_vfork="$d_hvfork"
d_hvfork=""
fi
?X:=====
: see if there is a vfork
val=""
set vfork val
eval $inlibc

d_pseudofork=$undef

: Ok, but do we want to use it. vfork is reportedly unreliable in
: perl on Solaris 2.x, and probably elsewhere.
case "$val" in
$define)
echo " "
case "$usevfork" in
false) dflt='n';;
*) dflt='y';;
esac
cat <<'EOM'

```

Perl can only use a vfork() that doesn't suffer from strict restrictions on calling functions or modifying global data in the child. For example, glibc-2.1 contains such a vfork() that is unsuitable. If your system provides a proper fork() call, chances are that you do NOT want perl to use vfork().

```

EOM
rp="Do you still want to use vfork()?"
./myread
case "$ans" in

```

```

y|Y) ;;
*)
echo "Ok, we won't use vfork()."
val="$undef"
;;
esac
;;
esac
?X:
?X: Only set it when final value is known to avoid spurious Whoa's
?X: Then set usevfork accordingly to the current value, for next run
?X:
set d_vfork
eval $setvar
case "$d_vfork" in
$define) usevfork='true';;
*) usevfork='false';;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_vfork.U

```

No license file was found, but licenses were detected in source scan.

```

/*
* $Id: dup2.C,v 3.0.1.1 1994/01/24 13:58:37 ram Exp ram $
*
* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
* You may redistribute only under the terms of the Artistic Licence,
* as specified in the README file that comes with the distribution.
* You may reuse parts of this distribution only within the terms of
* that same Artistic Licence; a copy of which may be found at the root
* of the source tree for dist 4.0.
*
* Original Author: Larry Wall <lwall@netlabs.com>
*
* $Log: dup2.C,v $
* Revision 3.0.1.1 1994/01/24 13:58:37 ram
* patch16: created
*
*/

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/dup2.C

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setservent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_setservent_r setservent_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_setservent_r:
?S: This variable conditionally defines the HAS_SETSERVENT_R symbol,
?S: which indicates to the C program that the setservent_r()
?S: routine is available.
?S:.
?S:setservent_r_proto:
?S: This variable encodes the prototype of setservent_r.
?S: It is zero if d_setservent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setservent_r
?S: is defined.
?S:.
?C:HAS_SETSERVENT_R:
?C: This symbol, if defined, indicates that the setservent_r routine
?C: is available to setservent re-entrantly.
?C:.
?C:SETSERVENT_R_PROTO:
?C: This symbol encodes the prototype of setservent_r.
?C: It is zero if d_setservent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setservent_r
?C: is defined.
?C:.
?H:#$d_setservent_r HAS_SETSERVENT_R /**/
?H:#define SETSERVENT_R_PROTO $setservent_r_proto /**/
?H:.
?T:try hdrs d_setservent_r_proto
: see if setservent_r exists
set setservent_r d_setservent_r
eval $inlibc
case "$d_setservent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_setservent_r_proto:$usethreads" in
":define") d_setservent_r_proto=define
set d_setservent_r_proto setservent_r $hdrs
eval $hasproto ;;
*) ;;
esac

```

```

case "$d_setservent_r_proto" in
define)
case "$setservent_r_proto" in
"|0) try='int setservent_r(int, struct servent_data*);'
./prothck "$extern_C $try" $hdrs && setservent_r_proto=I_ID ;;
esac
case "$setservent_r_proto" in
"|0) try='void setservent_r(int, struct servent_data*);'
./prothck "$extern_C $try" $hdrs && setservent_r_proto=V_ID ;;
esac
case "$setservent_r_proto" in
"|0) d_setservent_r=undef
setservent_r_proto=0
echo "Disabling setservent_r, cannot determine prototype." >&4 ;;
*) case "$setservent_r_proto" in
REENTRANT_PROTO*) ;;
*) setservent_r_proto="REENTRANT_PROTO_${setservent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "setservent_r has no prototype, not using it." >&4 ;;
esac
d_setservent_r=undef
setservent_r_proto=0
;;
esac
;;
*) setservent_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_setservent\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: ipc.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.

?RCS:



?RCS: \$Log: ipc.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:08:53 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:ipc serve\_shm serve\_msg serve\_inet\_udp serve\_inet\_tcp serve\_unix\_udp \  
serve\_unix\_tcp: test Myread Oldconfig d\_socket d\_msg d\_shm d\_sem  
?MAKE: -pick add \$@ %<  
?LINT:use d\_msg d\_sem  
?S:ipc:  
?S: This variable holds the type of IPC service we'll be using. Values  
?S: include "ip", "shm", "msg", "cms" and "os9". We don't worry about  
?S: cms or os9 here, because Configure doesn't run in those places--HMS.  
?S:.  
?S:serve\_shm:  
?S: This variable controls the definition of SERVE\_SHM, which tells the  
?S: C program to use USG shared memory for IPC.  
?S:.  
?S:serve\_msg:  
?S: This variable controls the definition of SERVE\_MSG, which tells the  
?S: C program to use USG message queues for IPC.  
?S:.  
?S:serve\_inet\_udp:  
?S: This variable controls the definition of SERVE\_INET\_UDP, which tells  
?S: the C program to enable InterNet-domain UDP support for IPC.  
?S:.  
?S:serve\_inet\_tcp:  
?S: This variable controls the definition of SERVE\_INET\_TCP, which tells  
?S: the C program to enable InterNet-domain TCP support for IPC.  
?S:.  
?S:serve\_unix\_udp:  
?S: This variable controls the definition of SERVE\_UNIX\_UDP, which tells  
?S: the C program to enable Unix-domain UDP support for IPC.  
?S:.  
?S:serve\_unix\_tcp:  
?S: This variable controls the definition of SERVE\_UNIX\_TCP, which tells  
?S: the C program to enable Unix-domain TCP support for IPC.  
?S:.  
?C:SERVE\_SHM:  
?C: If defined, tells the C program to use USG shared memory for IPC.  
?C:.  
?C:SERVE\_MSG:  
?C: If defined, tells the C program to use USG message queues for IPC.  
?C:.  
?C:SERVE\_INET\_UDP:  
?C: If defined, tells the C program to enable InterNet-domain UDP  
?C: support for IPC.  
?C:.  
?C:SERVE\_INET\_TCP:

```

?C: If defined, tells the C program to enable InterNet-domain TCP
?C: support for IPC.
?C:.
?C:SERVE_UNIX_UDP:
?C: If defined, tells the C program to enable Unix-domain UDP
?C: support for IPC.
?C:.
?C:SERVE_UNIX_TCP:
?C: If defined, tells the C program to enable Unix-domain TCP
?C: support for IPC.
?C:.
?H:#$serve_shm SERVE_SHM /**/
?H:#$serve_msg SERVE_MSG /**/
?H:#$serve_inet_udp SERVE_INET_UDP /**/
?H:#$serve_inet_tcp SERVE_INET_TCP /**/
?H:#$serve_unix_udp SERVE_UNIX_UDP /**/
?H:#$serve_unix_tcp SERVE_UNIX_TCP /**/
?H:.
?X: FIXME -- RAM
?INIT:serve_shm=""
?INIT:serve_msg="$undef"
?INIT:serve_inet_udp=""
?INIT:serve_inet_tcp=""
?INIT:serve_unix_udp=""
?INIT:serve_unix_tcp=""
: get IPC mechanism
echo " "
ipc=""
while $test -z "$ipc"
do
if $test "$ipc" != "shm" -a "$d_socket" = "$define"; then
ipc=""
if $test "$serve_inet_udp" = "$undef"; then
dflt=n
else
dflt=y
fi
rp='Provide InterNet-domain UDP service?'
./myread
dflt=""
case "$ans" in
n*) serve_inet_udp="$undef";;
*)
serve_inet_udp="$define"
ipc='ip'
;;
esac

```

```

if $test "$serve_inet_tcp" = "$define"; then
    dflt=y
else
    dflt=n
fi
rp='Provide InterNet-domain TCP service?'
./myread
dflt=""
case "$ans" in
n*) serve_inet_tcp="$undef";;
*)
    serve_inet_tcp="$define"
    ipc='ip'
    ;;
esac

if $test "$serve_unix_udp" = "$define"; then
    dflt=y
else
    dflt=n
fi
rp='Provide Unix-domain UDP service?'
./myread
dflt=""
case "$ans" in
n*) serve_unix_udp="$undef";;
*)
    serve_unix_udp="$define"
    ipc='ip'
    ;;
esac

if $test "$serve_unix_tcp" = "$define"; then
    dflt=y
else
    dflt=n
fi
rp='Provide Unix-domain TCP service?'
./myread
dflt=""
case "$ans" in
n*) serve_unix_tcp="$undef";;
*)
    serve_unix_tcp="$define"
    ipc='ip'
    ;;
esac
else

```

```

serve_inet_udp="$undef"
serve_inet_tcp="$undef"
serve_unix_udp="$undef"
serve_unix_tcp="$undef"
fi
if $test "$ipc" != "ip" -a "$d_shm" = "$define"; then
echo "Providing USG shared memory IPC support." >&4
serve_shm="$define"
ipc='shm'
else
serve_shm="$undef"
fi
if $test -z "$ipc"; then
echo "You must select an IPC mechanism." >&4
fi
done

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ipc.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_su_chown.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_su_chown.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:40 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_su_chown: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_su_chown (d_rootchown):
?S: This variable conditionally defines the SU_CHOWN symbol, which
?S: indicates to the C program that only root can chown() the owner
?S: of a file.
?S:.
?C:SU_CHOWN (ROOT_CHOWN):
?C: This symbol, if defined, indicates that the system allows only root
?C: can change the owner of a file with chown().
?C:.
?H:#$d_su_chown SU_CHOWN /**/

```

```
?H:
?LINT:set d_su_chown
: see if 'chown()' is restricted.
: but not too hard, as it is late and I am tired. -- HMS
echo " "
if set setreuid val -f d_su_chown; eval $csym; $val; then
echo 'It looks like only root can chown() the owner of a file.' >&4
val="$define"
else
echo 'It looks like root or the owner can chown() a file away.' >&4
val="$undef"
fi
set d_su_chown
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_su_chown.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getopt.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getopt.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:13 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getopt: Inlibc
?MAKE: -pick add $@ %<
?S:d_getopt:
?S: This variable conditionally defines the HAS_GETOPT symbol, which
?S: indicates that the getopt() routine exists. The getopt() routine
?S: parses command line options in a standard fashion.
?S:
?C:HAS_GETOPT (GETOPT):
?C: This symbol, if defined, indicates that the getopt() routine exists.
?C:
?H:#$d_getopt HAS_GETOPT /**/
?H:
?LINT:set d_getopt
: see if getopt exists
```

```
set getopt d_getopt
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getopt.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_strerror\_l: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strerror\_l:

?S: This variable conditionally defines the HAS\_STRERROR\_L symbol, which

?S: indicates to the C program that the strerror\_l() routine is available

?S: to return the error message for a given errno value in a particular

?S: locale (identified by a locale\_t object).

?S:.

?C:HAS\_STRERROR\_L:

?C: This symbol, if defined, indicates that the strerror\_l routine is

?C: available to return the error message for a given errno value in

?C: a particular locale (identified by a locale\_t object).

?C:.

?H:#\$d\_strerror\_l HAS\_STRERROR\_L /\*\*/

?H:.

?LINT:set d\_strerror\_l

: see if strerror\_l exists

set strerror\_l d\_strerror\_l

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strerror_l.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_srand48\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_srand48\_r srand48\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_stdlib extern\_C

?MAKE: -pick add \$@ %<

?S:d\_srand48\_r:

?S: This variable conditionally defines the HAS\_SRAND48\_R symbol,  
?S: which indicates to the C program that the srand48\_r()  
?S: routine is available.  
?S:.  
?S:srand48\_r\_proto:  
?S: This variable encodes the prototype of srand48\_r.  
?S: It is zero if d\_srand48\_r is undef, and one of the  
?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_srand48\_r  
?S: is defined.  
?S:.  
?C:HAS\_SRAND48\_R:  
?C: This symbol, if defined, indicates that the srand48\_r routine  
?C: is available to srand48 re-entrantly.  
?C:.  
?C:SRAND48\_R\_PROTO:  
?C: This symbol encodes the prototype of srand48\_r.  
?C: It is zero if d\_srand48\_r is undef, and one of the  
?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_srand48\_r  
?C: is defined.  
?C:.  
?H:#\$d\_srand48\_r HAS\_SRAND48\_R /\*\*/  
?H:#define SRAND48\_R\_PROTO \$srand48\_r\_proto /\*\*/  
?H:.  
?T:try hdrs d\_srand48\_r\_proto  
: see if srand48\_r exists  
set srand48\_r d\_srand48\_r  
eval \$inlibc  
case "\$d\_srand48\_r" in  
"\$define")  
hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_stdlib stdlib.h"  
case "\$d\_srand48\_r\_proto:\$usetthreads" in  
":define") d\_srand48\_r\_proto=define  
set d\_srand48\_r\_proto srand48\_r \$hdrs  
eval \$hasproto ;;  
\*) ;;  
esac  
case "\$d\_srand48\_r\_proto" in  
define)  
case "\$srand48\_r\_proto" in  
"|0) try='int srand48\_r(long, struct drand48\_data\*);'  
./protochk "\$extern\_C \$try" \$hdrs && srand48\_r\_proto=I\_LS ;;  
esac  
case "\$srand48\_r\_proto" in  
"|0) d\_srand48\_r=undef  
srand48\_r\_proto=0  
echo "Disabling srand48\_r, cannot determine prototype." >&4 ;;  
\* ) case "\$srand48\_r\_proto" in  
REENTRANT\_PROTO\*) ;;

```

*) srand48_r_proto="REENTRANT_PROTO_$$srand48_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetheads" in
define) echo "srand48_r has no prototype, not using it." >&4 ;;
esac
d_srand48_r=undef
srand48_r_proto=0
;;
esac
;;
*) srand48_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_srand48_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: cpp\_stuff.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:30:48 ram

?RCS: patch61: added cute quoting trick for wild stringify support

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:08:24 ram

?RCS: patch36: now uses cppstdin instead of plain cpp for consistency (ADO)

?RCS: patch36: remove temporary files when done

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:36 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:cpp\_stuff cpp\_quote: cat contains cppstdin cppflags cppminus rm Warn \  
package

?MAKE: -pick add \$@ %<

?S:cpp\_stuff:

?S: This variable contains an identification of the catenation mechanism



?S: used by the C preprocessor.

?S:.

?S:cpp\_quote:

?S: This variable is set to either "" or " depending on whether the

?S: pre-processor pre-dates ANSI or not. It is used in the production of

?S: the SQuoTe() and EQuoTe() macros, and was introduced to overcome a bug

?S: in gcc 3.x whereby the pre-processor complained loudly about the

?S: unterminated strings.

?S:.

?C:CAT2:

?C: This macro catenates 2 tokens together.

?C:.

?C:CAT3:

?C: This macro catenates 3 tokens together.

?C:.

?C:CAT4:

?C: This macro catenates 4 tokens together.

?C:.

?C:CAT5:

?C: This macro catenates 5 tokens together.

?C:.

?C:STRINGIFY:

?C: This macro surrounds its token with double quotes.

?C:.

?C:SCAT2:

?C: This macro catenates 2 tokens together and stringifies the result.

?C:.

?C:SCAT3:

?C: This macro catenates 3 tokens together and stringifies the result.

?C:.

?C:SCAT4:

?C: This macro catenates 4 tokens together and stringifies the result.

?C:.

?C:SCAT5:

?C: This macro catenates 5 tokens together and stringifies the result.

?C:.

?H:%<:#if \$cpp\_stuff == 1

?H:?CAT2:#define CAT2(a,b)a/\*\*/b

?H:?CAT3:#define CAT3(a,b,c)a/\*\*/b/\*\*/c

?H:?CAT4:#define CAT4(a,b,c,d)a/\*\*/b/\*\*/c/\*\*/d

?H:?CAT5:#define CAT5(a,b,c,d,e)a/\*\*/b/\*\*/c/\*\*/d/\*\*/e

?H:?STRINGIFY:#define STRINGIFY(a)"a"

?H:%<:#define SQuoTe(a){cpp\_quote}a

?H:%<:#define EQuoTe(a)a{cpp\_quote}

?H:?SCAT2:#define SCAT2(a,b)EQuoTe(SQuoTe(a)b)

?H:?SCAT3:#define SCAT3(a,b,c)EQuoTe(SQuoTe(a)b/\*\*/c)

?H:?SCAT4:#define SCAT4(a,b,c,d)EQuoTe(SQuoTe(a)b/\*\*/c/\*\*/d)

?H:?SCAT5:#define SCAT5(a,b,c,d,e)EQuoTe(SQuoTe(a)b/\*\*/c/\*\*/d/\*\*/e)

```

?H:?%<:#endif
?H:?%<:#if $cpp_stuff == 42
?X: The additional level of indirection enables these macros to be
?X: used as arguments to other macros. See K&R 2nd ed., page 231.
?H:?%<:#define CaTiFy(a,b) a ## b
?H:?%<:#define CAT2(a,b) CaTiFy(a,b)
?H:?CAT3:#define CAT3(a,b,c) CAT2(CaTiFy(a,b),c)
?H:?CAT4:#define CAT4(a,b,c,d) CAT2(CaTiFy(a,b), CaTiFy(c,d))
?H:?CAT5:#define CAT5(a,b,c,d,e) CAT2(CAT2(CaTiFy(a,b), CaTiFy(c,d)), e)
?H:?%<:#define StGiFy(a)# a
?H:?STRINGIFY:#define STRINGIFY(a)StGiFy(a)
?H:?SCAT2:#define SCAT2(a,b)StGiFy(a) StGiFy(b)
?H:?SCAT3:#define SCAT3(a,b,c)StGiFy(a) StGiFy(b) StGiFy(c)
?H:?SCAT4:#define SCAT4(a,b,c,d)StGiFy(a) StGiFy(b) StGiFy(c) StGiFy(d)
?H:?SCAT5:#define SCAT5(a,b,c,d,e)StGiFy(a) StGiFy(b) StGiFy(c) StGiFy(d) StGiFy(e)
?H:?%<:#endif
?H:?%<:#if $cpp_stuff != 1 && $cpp_stuff != 42
?H:?%<:#include "Bleth: How does this C preprocessor catenate tokens?"
?H:?%<:#endif
?H:.
?W:%<:CAT2 CAT3 CAT4 CAT5 STRINGIFY SCAT2 SCAT3 SCAT4 SCAT5
?F!:cpp_stuff.c
?LINT:known StGiFy EQuoTe SQuoTe CaTiFy
: how do we catenate cpp tokens here?
echo " "
echo "Checking to see how your cpp does stuff like catenate tokens..." >&4
cpp_quote="
$cat >cpp_stuff.c <<'EOCP'
#define RCAT(a,b)a/**/b
#define ACAT(a,b)a ## b
RCAT(Rei,ser)
ACAT(Cir,cus)
EOCP
$cppstdin $cppflags $cppminus <cpp_stuff.c >cpp_stuff.out 2>&1
if $contains 'Circus' cpp_stuff.out >/dev/null 2>&1; then
echo "Oh! Smells like ANSI's been here."
echo "We can catify or stringify, separately or together!"
cpp_stuff=42
elif $contains 'Reiser' cpp_stuff.out >/dev/null 2>&1; then
echo "Ah, yes! The good old days!"
cpp_stuff=1
$cat >cpp_stuff.c <<'EOCP'
#define SQuoTe(a)"a
#define EQuoTe(a)"
#define CAT2(a,b)EQuoTe(SQuoTe(a)b)
CAT2(Vic,tory)
EOCP
$cppstdin $cppflags $cppminus <cpp_stuff.c >cpp_stuff.out 2>&1

```

```

if $contains "Victory" cpp_stuff.out >/dev/null 2>&1; then
  echo "I'll resort to a cute trick to also be able to stringify."
  cpp_quote=""
else
  $cat <<EOM
However, in the good old days we don't know how to stringify and
catify at the same time...
@if SCAT2 || SCAT3 || SCAT4 || SCAT5
You might have to edit the values of the SCAT[2-5] macros in config.h...
@else
Hopefully, $package does not need this feature.
@end
EOM
fi
else
./warn <<EOM

```

I can't seem to be able to catenate tokens with your cpp.

```

@if CAT2 || CAT3 || CAT4 || CAT5 || SCAT2 || SCAT3 || SCAT4 || SCAT5
You're going to have to edit the values of the following
macros in config.h:

```

```

@if CAT2 || CAT3 || CAT4 || CAT5
CAT[2-5]
@end
@if SCAT2 || SCAT3 || SCAT4 || SCAT5
SCAT[2-5]
@end

```

```

in order to let me compile.
@end
EOM
cpp_stuff="/* Help! How do we handle cpp_stuff? *//"
fi
$rm -f cpp_stuff.*

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cpp_stuff.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2019 Karl Williamson
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_towlower: Inlibc

```

?MAKE: -pick add \$@ %<  
?S:d\_towlower:  
?S: This variable conditionally defines the HAS\_TOWLOWER symbol, which  
?S: indicates to the C program that the towlower() routine is available.  
?S:.  
?C:HAS\_TOWLOWER:  
?C: This symbol, if defined, indicates that the towlower () routine is  
?C: available to do case conversion.  
?C:.  
?H:#\$d\_towlower HAS\_TOWLOWER /\*\*/  
?H:.  
?LINT:set d\_towlower  
: see if towlower exists  
set towlower d\_towlower  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_towlower.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_socket.U,v \$  
?RCS: Revision 3.0.1.2 1997/02/28 15:46:00 ram  
?RCS: patch61: replaced .a with \$\_a all over the place  
?RCS:  
?RCS: Revision 3.0.1.1 1994/01/24 14:08:04 ram  
?RCS: patch16: can now safely declare private nm\_extract in dependencies  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:07:26 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_socket d\_oldsock d\_sockpair socketlib sockethdr: contains libc \  
echo n c nm\_opt nm\_extract Inlibc Csym \_a  
?MAKE: -pick add \$@ %<  
?S:d\_socket:  
?S: This variable conditionally defines HAS\_SOCKET, which indicates  
?S: that the BSD socket interface is supported.  
?S:.

?S:d\_socketpair:  
 ?S: This variable conditionally defines the HAS\_SOCKETPAIR symbol, which  
 ?S: indicates that the BSD socketpair() is supported.  
 ?S:.  
 ?S:d\_oldsock:  
 ?S: This variable conditionally defines the OLDSOCKET symbol, which  
 ?S: indicates that the BSD socket interface is based on 4.1c and not 4.2.  
 ?S:.  
 ?S:socketlib:  
 ?S: This variable has the names of any libraries needed for socket support.  
 ?S:.  
 ?S:sockethdr:  
 ?S: This variable has any cpp -I flags needed for socket support.  
 ?S:.  
 ?C:HAS\_SOCKET (SOCKET):  
 ?C: This symbol, if defined, indicates that the BSD socket interface is  
 ?C: supported.  
 ?C:.  
 ?C:HAS\_SOCKETPAIR (SOCKETPAIR):  
 ?C: This symbol, if defined, indicates that the BSD socketpair() call is  
 ?C: supported.  
 ?C:.  
 ?C:USE\_OLDSOCKET (OLDSOCKET):  
 ?C: This symbol, if defined, indicates that the 4.1c BSD socket interface  
 ?C: is supported instead of the 4.2/4.3 BSD socket interface. For instance,  
 ?C: there is no setsockopt() call.  
 ?C:.  
 ?H:#\$d\_socket HAS\_SOCKET /\*\*/  
 ?H:#\$d\_socketpair HAS\_SOCKETPAIR /\*\*/  
 ?H:#\$d\_oldsock USE\_OLDSOCKET /\*\*/  
 ?H:.  
 ?T:val  
 ?LINT:use libc  
 ?LINT:set d\_socketpair  
 : see whether socket exists  
 socketlib="  
 sockethdr="  
 echo " "  
 \$echo \$n "Hmm... \$c" >&4  
 if set socket val -f d\_socket; eval \$csym; \$val; then  
 echo "Looks like you have Berkeley networking support." >&4  
 d\_socket="\$define"  
 ?X: now check for advanced features  
 if set setsockopt val -f; eval \$csym; \$val; then  
 d\_oldsock="\$undef"  
 else  
 echo "...but it uses the old 4.1c interface, rather than 4.2" >&4  
 d\_oldsock="\$define"

```

fi
else
?X: HP-UX, for one, puts all the socket stuff in socklib.o. Note that if we
?X: come here on HP-UX, then we must have used nm to get symbols, or we really
?X: don't have sockets anyway...
if $contains socklib libc.list >/dev/null 2>&1; then
echo "Looks like you have Berkeley networking support." >&4
d_socket="$define"
: we will have to assume that it supports the 4.2 BSD interface
d_oldsock="$undef"
else
echo "You don't have Berkeley networking in libc$_a..." >&4
?X: look for an optional networking library
if test -f /usr/lib/libnet$_a; then
?X: space between two '(' needed for ksh
( (nm $nm_opt /usr/lib/libnet$_a | eval $nm_extract) || \
ar t /usr/lib/libnet$_a 2>/dev/null >> libc.list
if $contains socket libc.list >/dev/null 2>&1; then
echo "...but the Wollongong group seems to have hacked it in." >&4
socketlib="-lnet"
sockethdr="-I/usr/netinclude"
d_socket="$define"
?X: now check for advanced features
if $contains setsockopt libc.list >/dev/null 2>&1; then
d_oldsock="$undef"
else
echo "...using the old 4.1c interface, rather than 4.2" >&4
d_oldsock="$define"
fi
else
echo "or even in libnet$_a, which is peculiar." >&4
d_socket="$undef"
d_oldsock="$undef"
fi
else
echo "or anywhere else I see." >&4
d_socket="$undef"
d_oldsock="$undef"
fi
fi
fi

@if HAS_SOCKETPAIR || d_socketpair
: see if socketpair exists
set socketpair d_socketpair
eval $inlibc

@end

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_socket.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: randfunc.U,v 3.0 1993/08/18 12:09:39 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: randfunc.U,v \$

?RCS: Revision 3.0 1993/08/18 12:09:39 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This is the new unit that should be used when random

?X: functions are to be used. It thus makes randbits.U obsolete.

?X:

?X: This unit gives a simple #define for Drand01, which produces

?X: doubles in the range [0,1) using the "best" random number

?X: generator available. The source should just call Drand01

?X: and not worry about the underlying implementation.

?X: Andy Dougherty July 1998

?X:

?MAKE:randfunc drand01 seedfunc randbits randseedtype: \  
Compile Myread Csym cflags

?MAKE: -pick add \$@ %<

?S:randfunc:

?S: Indicates the name of the random number function to use.

?S: Values include drand48, random, and rand. In C programs,

?S: the 'Drand01' macro is defined to generate uniformly distributed

?S: random numbers over the range [0., 1.[ (see drand01 and nrand).

?S:.

?S:drand01:

?S: Indicates the macro to be used to generate normalized

?S: random numbers. Uses randfunc, often divided by

?S: (double) (((unsigned long) 1 << randbits)) in order to

?S: normalize the result.

?S: In C programs, the macro 'Drand01' is mapped to drand01.

?S:.

?S:randseedtype:

?S: Indicates the type of the argument of the seedfunc.

?S:  
?S:seedfunc:  
?S: Indicates the random number generating seed function.  
?S: Values include srand48, srand, and srand.  
?S:  
?S:randbits:  
?S: Indicates how many bits are produced by the function used to  
?S: generate normalized random numbers.  
?S:  
?C:RANDFUNC:  
?C: This symbol defines the random function used to define Drand01().  
?C:  
?C:Drand01:  
?C: This macro is to be used to generate uniformly distributed  
?C: random numbers over the range [0., 1.[. You may have to supply  
?C: an 'extern double drand48();' in your program since SunOS 4.1.3  
?C: doesn't provide you with anything relevant in its headers.  
?C: See HAS\_DRAND48\_PROTO.  
?C:  
?C:Rand\_seed\_t:  
?C: This symbol defines the type of the argument of the  
?C: random seed function.  
?C:  
?C:seedDrand01:  
?C: This symbol defines the macro to be used in seeding the  
?C: random number generator (see Drand01).  
?C:  
?C:RANDBITS:  
?C: This symbol indicates how many bits are produced by the  
?C: function used to generate normalized random numbers.  
?C: Values include 15, 16, 31, and 48.  
?C:  
?H:#define RANDFUNC \$randfunc /\*\*/  
?H:#define Drand01() \$drand01 /\*\*/  
?H:#define Rand\_seed\_t \$randseedtype /\*\*/  
?H:#define seedDrand01(x) \$seedfunc((Rand\_seed\_t)x) /\*\*/  
?H:#define RANDBITS \$randbits /\*\*/  
?H:  
?LINT:change ccflags  
?LINT:unclosed \$randbits))"  
: How can we generate normalized random numbers ?  
echo " "  
echo "Using our internal random number implementation..." >&4  
  
case "\$ccflags" in  
\*-Dmy\_rand=|\*-Dmy\_srand=\*)  
echo "Removing obsolete -Dmy\_rand, -Dmy\_srand, and -Drandbits from ccflags." >&4  
ccflags="`echo \$ccflags | sed -e 's/-Dmy\_rand=random/ /'"



```
ccflags="`echo $ccflags | sed -e 's/-Dmy_srand=srandom/ /'"
ccflags="`echo $ccflags | sed -e 's/-Drandbits=[0-9][0-9]*/ /'"
;;
esac
```

```
randfunc=Perl_drand48
drand01="Perl_drand48()"
seedfunc="Perl_drand48_init"
randbits=48
randseedtype=U32
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/randfunc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ftime.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_ftime.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:06 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_ftime d_gettimeod: Inlibc Setvar
?MAKE: -pick add $@ %<
?S:d_ftime:
?S: This variable conditionally defines the HAS_FTIME symbol, which indicates
?S: that the ftime() routine exists. The ftime() routine is basically
?S: a sub-second accuracy clock.
?S:.
?S:d_gettimeod:
?S: This variable conditionally defines the HAS_GETTIMEOFDAY symbol, which
?S: indicates that the gettimeofday() system call exists (to obtain a
?S: sub-second accuracy clock). You should probably include <sys/resource.h>.
?S:.
?C:HAS_FTIME (FTIMER):
?C: This symbol, if defined, indicates that the ftime() routine exists.
?C: It is basically a sub-second accuracy clock, but is less accurate
?C: than gettimeofday(2) anyway. The type "Timeval" should be used to
?C: refer to "struct timeb".
?C:.
```

```

?C:HAS_GETTIMEOFDAY (GETTIMEOFDAY):
?C: This symbol, if defined, indicates that the gettimeofday() system
?C: call is available for a sub-second accuracy clock. Usually, the file
?C: <sys/resource.h> needs to be included (see I_SYS_RESOURCE).
?C: The type "Timeval" should be used to refer to "struct timeval".
?C:.
?H:#$d_ftime HAS_FTIME /**/
?H:#$d_gettimeod HAS_GETTIMEOFDAY /**/
?H:?%<:@if HAS_FTIME
?H:?%<:#ifdef HAS_FTIME
?H:?%<:#define Timeval struct timeb /* Structure used by ftime() */
?H:?%<:#endif
?H:?%<:@end
?H:?%<:@if HAS_GETTIMEOFDAY
?H:?%<:#ifdef HAS_GETTIMEOFDAY
?H:?%<:#define Timeval struct timeval /* Structure used by gettimeofday() */
?H:?%<:#endif
?H:?%<:@end
?H:.
?X:FIXME
?X:?I:?d_ftime:i_systimeb
?X:?I:?d_gettimeod:i_sysresrc
?LINT:set d_gettimeod d_ftime
?LINT:known Timeval
: see if gettimeofday or ftime exists
?X:
?X: Give priority to gettimeofday(2) because timing is more accurate
?X:
set gettimeofday d_gettimeod
eval $inlibc
case "$d_gettimeod" in
"$undef")
set ftime d_ftime
eval $inlibc
;;
*)
val="$undef"; set d_ftime; eval $setvar
;;
esac
case "$d_gettimeod$d_ftime" in
"$undef$undef")
echo " "
echo 'No ftime() nor gettimeofday() -- timing may be less accurate.' >&4
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/d\_ftime.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Csym.U,v 3.0.1.4 1995/07/25 13:36:29 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Csym.U,v $
?RCS: Revision 3.0.1.4 1995/07/25 13:36:29 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS: patch56: added quotes for OS/2 support
?RCS:
?RCS: Revision 3.0.1.3 1995/05/12 12:00:33 ram
?RCS: patch54: fixed C test program to bypass gcc builtin type checks (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1994/10/31 09:34:13 ram
?RCS: patch44: added Options to the MAKE line since it's no longer in Init.U
?RCS:
?RCS: Revision 3.0.1.1 1993/08/25 14:00:05 ram
?RCS: patch6: added ldflags as a conditional dependency and to compile line
?RCS: patch6: a final double quote was missing in csym variable after eval
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:50 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:Csym mistrustnm extern_C: Options contains libc libs runnm test \
+cc +optimize +ccflags +ldflags run rm_try _exe d_cplusplus
?MAKE: -pick add $@ %<
?LINT:define csym
?LINT:use libc
?LINT:extern mistrustnm
?LINT:set mistrustnm
?S:csym:
?S: This shell variable is used internally by Configure to check
?S: whether a given C symbol is defined or not. A typical use is:
?S: set symbol result [-fva] [previous]
?S: eval $csym
?S: That will set result to 'true' if the function [-f], variable [-v]
?S: or array [-a] is defined, 'false' otherwise. If a previous value is
?S: given and the -r flag was provided on the command line, that value
?S: is reused without questioning.
?S:.
```

?S:extern\_C:

?S: ANSI C requires 'extern' where C++ requires 'extern "C"'. This

?S: variable can be used in Configure to do the right thing.

?S:.

?S:mistrustnm:

?S: This variable can be used to establish a fallback for the cases

?S: where nm fails to find a symbol. If usenm is false or usenm is true

?S: and mistrustnm is false, this variable has no effect. If usenm is true

?S: and mistrustnm is "compile", a test program will be compiled to try to

?S: find any symbol that can't be located via nm lookup. If mistrustnm is

?S: "run", the test program will be run as well as being compiled.

?S:.

?V:csym

?T:tval tx tlook tf tdc

?F:!try

: is a C symbol defined?

csym='tlook=\$1;

case "\$3" in

-v) tf=libc.tmp; tdc="";;

-a) tf=libc.tmp; tdc="[]";;

\*) tlook="^\$1\\$"; tf=libc.list; tdc="()";;

esac;

case "\$d\_cplusplus" in

  \$define) extern\_C="extern \"C\"";;

  \*) extern\_C="extern";;

esac;

tx=yes;

case "\$reuseval-\$4" in

true-);;

true-\*) tx=no; eval "tval=\\$4"; case "\$tval" in "") tx=yes;; esac;;

esac;

case "\$tx" in

yes)

?X:

?X: Put symbol inside a printf to fool optimizing compilers...

?X:

?X: We use 'short' instead of 'int' to try to circumvent overzealous

?X: optimizing compilers using built-in prototypes for commonly used

?X: routines to complain when seeing a different external declaration. For

?X: instance, gcc 2.6.3 fails if we use 'int' and we attempt a test against

?X: memcpy() on machines where sizeof(int) == sizeof(char \*) (the usual return

?X: type), the compiler assuming it's a built-in declaration given that the

?X: returned size matches. At least with 'short' we are safe! -- RAM, for ADO

?X:

?X: Let's thank GNU cc for making our lives so easy! :-)

?X: (An alternative for the future would be to use our knowledge about gcc

?X: to force a -fno-builtin option in the compile test, in case the 'short'

?X: trick is obsoleted by future gcc releases). -- RAM

```

?X:
tval=false;
if $test "$runnm" = true; then
if $contains $tlook $tf >/dev/null 2>&1; then
    tval=true;
elif $test "$mistrustnm" = compile -o "$mistrustnm" = run; then
    echo "$extern_C void *$1$tdc; void (*(p()))$tdc { return &$1; } int main(int argc, char **argv) { if(p() && p() !=
(void *)argv[0]) return(0); else return(1); }"> try.c;
    $cc -o try $optimize $ccflags $ldflags try.c >/dev/null 2>&1 $libs && tval=true;
    $test "$mistrustnm" = run -a -x try && { $run ./try$_exe >/dev/null 2>&1 || tval=false; };
    $rm_try;
fi;
else
    echo "$extern_C void *$1$tdc; void (*(p()))$tdc { return &$1; } int main(int argc, char **argv) { if(p() && p() !=
(void *)argv[0]) return(0); else return(1); }"> try.c;
    $cc -o try $optimize $ccflags $ldflags try.c $libs >/dev/null 2>&1 && tval=true;
    $rm_try;
fi;
;;
*)
case "$tval" in
$define) tval=true;;
*) tval=false;;
esac;
;;
esac;
eval "$2=$tval"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/compline/Csym.U

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_expm1: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_expm1:

?S: This variable conditionally defines the HAS\_EXPM1 symbol, which

?S: indicates to the C program that the expm1() routine is available.

?S:.

?C:HAS\_EXPM1:

?C: This symbol, if defined, indicates that the expm1 routine is

?C: available to do the exp(x) - 1 when x is near 1 function.

?C:.

?H:#\$d\_expm1 HAS\_EXPM1 /\*\*/

?H:.

```
?LINT:set d_expm1
: see if expm1 exists
set expm1 d_expm1
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_expm1.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_psignal.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

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```
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_psignal.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:49 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_psignal: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_psignal:
```

```
?S: This variable conditionally defines the HAS_P SIGNAL symbol, which
```

```
?S: indicates that the psignal() routine exists. The psignal() routine
```

```
?S: prints a description of a signal on the standard error output.
```

```
?S:.
```

```
?C:HAS_P SIGNAL (P SIGNAL):
```

```
?C: This symbol, if defined, indicates that the psignal() routine exists.
```

```
?C:.
```

```
?H:#$d_psignal HAS_P SIGNAL /**/
```

```
?H:.
```

```
?LINT:set d_psignal
```

```
: see if psignal exists
```

```
set psignal d_psignal
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_psignal.U
```

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```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```

?RCS:
?MAKE:d_fegetround: Inlibc
?MAKE: -pick add $@ %<
?S:d_fegetround:
?S: This variable conditionally defines HAS_FEGETROUND if fegetround() is
?S: available to get the floating point rounding mode.
?S:.
?C:HAS_FEGETROUND:
?C: This symbol, if defined, indicates that the fegetround routine is
?C: available to return the macro corresponding to the current rounding
?C: mode.
?C:.
?H:#$d_fegetround HAS_FEGETROUND /**/
?H:.
?LINT:set d_fegetround
: see if fegetround exists
set fegetround d_fegetround
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fegetround.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: cpp_trad.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cpp_stuff.U,v $
?MAKE:cpp_trad: cpp cat contains rm
?MAKE: -pick add $@ %<
?S:cpp_trad:
?S: This variable contains the program to run to get traditional C
?S: preprocessor semantics and not ISO C semantics: we want something
?S: that knows as little about C as possible to use as a more general
?S: purpose preprocessor.
?S:.
?F:!foo.c !foo.cpp
: how do we get traditional cpp semantics?
echo " "
echo "Checking to see how to get traditional cpp semantics..." >&4
$cat >foo.c <<'EOF'

```

```

#define A(x) x
#define B(y) y
A(a)B(b)
EOF
if $c++ foo.c >foo.cpp; $contains ab foo.cpp >/dev/null 2>&1; then
  echo "Plain 'c++' works just fine."
  cpp_trad="$c++"
elif $c++ -traditional foo.c >foo.cpp; \
  $contains ab foo.cpp >/dev/null 2>&1; then
  echo "We'll use 'c++ -traditional' to get proper semantics."
  cpp_trad="$c++ -traditional"
else
  echo "I don't know how to get traditional semantics with 'c++'." >&4
  cpp_trad="$c++"
fi
$rm -f foo.c foo.cpp

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cpp_trad.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: basicshell.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: basicshell.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:25 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:basicshell: Getfile Oldconfig bash csh ksh sh
?MAKE: -pick add $@ %<
?S:basicshell:
?S: This variable contains the eventual value of the BASICSHELL symbol,
?S: which contains the full name of the basic script shell on this
?S: system. Usual values are /bin/sh, /bin/ksh, /bin/csh.
?S:
?C:BASICSHELL:
?C: This symbol contains the full name of the basic script shell on this
?C: system. Usual values are /bin/sh, /bin/ksh, /bin/csh.
?C:
?H:#define BASICSHELL "$basicshell" /**/

```



```

?H:
: find the most basic shell for scripts
echo " "
case "$basicshell" in
")
case "$sh $bash $csh $ksh" in
*/sh*) dflt="$sh" ;;
*/ksh*) dflt="$ksh" ;;
*/csh*) dflt="$csh" ;;
*/bash*) dflt="$bash" ;;
*) dflt='/bin/sh' ;;
esac
;;
*)
dflt="$basicshell";;
esac
fn=f
rp="Give the full path name of the most basic shell used on your system"
./getfile
basicshell=$ans

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/basicshell.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_ndbm.U,v 3.0.1.1 1995/05/12 12:16:53 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: i_ndbm.U,v $
?RCS: Revision 3.0.1.1 1995/05/12 12:16:53 ram
?RCS: patch54: made more robust by checking both header and lib (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:23 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_ndbm i_gdbmndbm i_gdbm_ndbm d_ndbm d_ndbm_h_uses_prototypes \
d_gdbmndbm_h_uses_prototypes d_gdbm_ndbm_h_uses_prototypes: \
Inhdr Inlibc Setvar test d_cplusplus extern_C echo Protochk
?MAKE: -pick add $@ %<
?S:i_ndbm:

```

?S: This variable conditionally defines the I\_NDBM symbol, which  
?S: indicates to the C program that <ndbm.h> exists and should  
?S: be included.  
?S:.  
?C:I\_NDBM:  
?C: This symbol, if defined, indicates that <ndbm.h> exists and should  
?C: be included.  
?C:.  
?S:i\_gdbmndbm:  
?S: This variable conditionally defines the I\_GDBMNDBM symbol, which  
?S: indicates to the C program that <gdbm/ndbm.h> exists and should  
?S: be included. This was the location of the ndbm.h compatibility file  
?S: in RedHat 7.1.  
?S:.  
?C:I\_GDBMNDBM:  
?C: This symbol, if defined, indicates that <gdbm/ndbm.h> exists and should  
?C: be included. This was the location of the ndbm.h compatibility file  
?C: in RedHat 7.1.  
?C:.  
?S:i\_gdbm\_ndbm:  
?S: This variable conditionally defines the I\_GDBM\_NDBM symbol, which  
?S: indicates to the C program that <gdbm-ndbm.h> exists and should  
?S: be included. This is the location of the ndbm.h compatibility file  
?S: in Debian 4.0.  
?S:.  
?C:I\_GDBM\_NDBM:  
?C: This symbol, if defined, indicates that <gdbm-ndbm.h> exists and should  
?C: be included. This is the location of the ndbm.h compatibility file  
?C: in Debian 4.0.  
?C:.  
?S:d\_ndbm:  
?S: This variable conditionally defines the HAS\_NDBM symbol, which  
?S: indicates that both the ndbm.h include file and an appropriate ndbm  
?S: library exist. Consult the different i\_\*ndbm variables  
?S: to find out the actual include location. Sometimes, a system has the  
?S: header file but not the library. This variable will only be set if  
?S: the system has both.  
?S:.  
?C:HAS\_NDBM:  
?C: This symbol, if defined, indicates that some form of ndbm.h or compatibility  
?C: include exists, along with the appropriate library.  
?C:.  
?S:d\_ndbm\_h\_uses\_prototypes:  
?S: This variable conditionally defines the NDBM\_H\_USES\_PROTOTYPES symbol,  
?S: which indicates that the ndbm.h include file uses real ANSI C  
?S: prototypes instead of K&R style function declarations. K&R style  
?S: declarations are unsupported in C++, so the include file requires  
?S: special handling when using a C++ compiler and this variable is

?S: undefined. Consult the different `d_*ndbm_h_uses_prototypes` variables  
?S: to get the same information for alternative `ndbm.h` include files.  
?S:.  
?C:NDBM\_H\_USES\_PROTOTYPES:  
?C: This symbol, if defined, indicates that `<ndbm.h>` uses real ANSI C  
?C: prototypes instead of K&R style function declarations without any  
?C: parameter information. While ANSI C prototypes are supported in C++,  
?C: K&R style function declarations will yield errors.  
?C:.  
?S:d\_gdbmndbm\_h\_uses\_prototypes:  
?S: This variable conditionally defines the `NDBM_H_USES_PROTOTYPES` symbol,  
?S: which indicates that the `gdbm/ndbm.h` include file uses real ANSI C  
?S: prototypes instead of K&R style function declarations. K&R style  
?S: declarations are unsupported in C++, so the include file requires  
?S: special handling when using a C++ compiler and this variable is  
?S: undefined. Consult the different `d_*ndbm_h_uses_prototypes` variables  
?S: to get the same information for alternative `ndbm.h` include files.  
?S:.  
?C:GDBMNDBM\_H\_USES\_PROTOTYPES:  
?C: This symbol, if defined, indicates that `<gdbm/ndbm.h>` uses real ANSI C  
?C: prototypes instead of K&R style function declarations without any  
?C: parameter information. While ANSI C prototypes are supported in C++,  
?C: K&R style function declarations will yield errors.  
?C:.  
?S:d\_gdbm\_ndbm\_h\_uses\_prototypes:  
?S: This variable conditionally defines the `NDBM_H_USES_PROTOTYPES` symbol,  
?S: which indicates that the `gdbm-ndbm.h` include file uses real ANSI C  
?S: prototypes instead of K&R style function declarations. K&R style  
?S: declarations are unsupported in C++, so the include file requires  
?S: special handling when using a C++ compiler and this variable is  
?S: undefined. Consult the different `d_*ndbm_h_uses_prototypes` variables  
?S: to get the same information for alternative `ndbm.h` include files.  
?S:.  
?C:GDBM\_NDBM\_H\_USES\_PROTOTYPES:  
?C: This symbol, if defined, indicates that `<gdbm-ndbm.h>` uses real ANSI C  
?C: prototypes instead of K&R style function declarations without any  
?C: parameter information. While ANSI C prototypes are supported in C++,  
?C: K&R style function declarations will yield errors.  
?C:.  
?H:#\$i\_ndbm I\_NDBM /\*\*/  
?H:#\$i\_gdbmndbm I\_GDBMNDBM /\*\*/  
?H:#\$i\_gdbm\_ndbm I\_GDBM\_NDBM /\*\*/  
?H:#\$d\_ndbm HAS\_NDBM /\*\*/  
?H:#\$d\_ndbm\_h\_uses\_prototypes NDBM\_H\_USES\_PROTOTYPES /\*\*/  
?H:#\$d\_gdbmndbm\_h\_uses\_prototypes GDBMNDBM\_H\_USES\_PROTOTYPES /\*\*/  
?H:#\$d\_gdbm\_ndbm\_h\_uses\_prototypes GDBM\_NDBM\_H\_USES\_PROTOTYPES /\*\*/  
?H:.  
?T:d\_dbm\_open name hdr ihdr ndbm\_hdr\_protochk

```

?LINT:set d_ndbm d_gdbmndbm_h_uses_prototypes d_gdbm_ndbm_h_uses_prototypes
d_ndbm_h_uses_prototypes
: see if ndbm.h is available
set ndbm.h i_ndbm
eval $inhdr
: Compatibility location for RedHat 7.1
set gdbm/ndbm.h i_gdbmndbm
eval $inhdr
: Compatibility location for Debian 4.0
set gdbm-ndbm.h i_gdbm_ndbm
eval $inhdr

val="$undef"
if $test "$i_ndbm" = "$define" -o "$i_gdbmndbm" = "$define" -o "$i_gdbm_ndbm" = "$define"; then
: see if dbm_open exists
set dbm_open d_dbm_open
eval $inlibc
case "$d_dbm_open" in
$undef)
i_ndbm="$undef"
i_gdbmndbm="$undef"
i_gdbm_ndbm="$undef"
echo "We won't be including <ndbm.h>"
val="$undef"
;;
*) val="$define"
;;
esac
fi
set d_ndbm
eval $setvar

ndbm_hdr_protochk='name=$1; hdr=$2;
eval "ihdr=\${i}_$name";
val="$undef";
if $test "$ihdr" = "$define"; then
$echo "Checking if your <$hdr> uses prototypes..." >&4;
case "$d_cplusplus" in
$define) ./protochk "$extern_C void dbm_close(DBM *);" literal "extern \"C\" { \" $ihdr $hdr literal }" &&
val="$define" ;;
*) ./protochk "$extern_C void dbm_close(int, int);" $ihdr $hdr || val="$define" ;;
esac;
case "$val" in
$define) $echo "Your <$hdr> seems to have prototypes";;
*) $echo "Your <$hdr> does not seem to have prototypes";;
esac;
fi;
set "d_${name}_h_uses_prototypes";

```

eval \$setvar'

```
set ndbm ndbm.h
eval $ndbm_hdr_protochk
set gdbmndbm gdbm/ndbm.h
eval $ndbm_hdr_protochk
set gdbm_ndbm gdbm-ndbm.h
eval $ndbm_hdr_protochk
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i\_ndbm.U

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: cf\_who.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:28:50 ram

?RCS: patch61: new computation method avoiding use of temporary file

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 14:42:34 ram

?RCS: patch23: login name now computed the hard way

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:32 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: Oldconfig dependency is there to ensure computation occurs after old values

?X: from config.sh have been loaded, so that we can supersede them.

?X:

?MAKE:cf\_time cf\_by: date Oldconfig

?MAKE: -pick add \$@ %<

?S:cf\_time:

?S: Holds the output of the "date" command when the configuration file was

?S: produced. This is used to tag both config.sh and config\_h.SH.

?S:.

?S:cf\_by:

?S: Login name of the person who ran the Configure script and answered the

?S: questions. This is used to tag both config.sh and config\_h.SH.

?S:.

?LINT:change LC\_ALL LANGUAGE  
: who configured the system  
?X: Ensure English date -- Jarkko Hietaniemi  
cf\_time=`LC\_ALL=C; LANGUAGE=C; export LC\_ALL; export LANGUAGE; \$date 2>&1`  
?X:  
?X: Leave a white space between first two '(' for ksh. The sub-shell is needed  
?X: on some machines to avoid the error message when logname is not found; e.g.  
?X: on SUN-OS 3.2, (logname || whoami) would not execute whoami if logname was  
?X: not found. Sigh!  
?X:  
?X: Convex had a broken logname executable which returned a non-zero status,  
?X: and that broke the previous:  
?X: cf\_by=`(logname) 2>/dev/null || whoami) 2>&1`  
?X: Switch to emergency mode... -- RAM, 19/04/94  
?X:  
?X: Parentheses needed to avoid error message if the program does not exist.  
?X: Uses case instead of \$test so it can be put before \$test is defined.  
?X: Don't redirect to a file because on Ultrix (under script?) logname  
?X: outputs a blank line first. This method will apparently work.  
case "\$cf\_by" in  
"")  
cf\_by=`(logname) 2>/dev/null`  
case "\$cf\_by" in  
"")  
cf\_by=`(whoami) 2>/dev/null`  
case "\$cf\_by" in  
"") cf\_by=unknown ;;  
esac ;;  
esac ;;  
esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cf\_who.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Extensions.U,v\$

?RCS:

?RCS: Copyright (c) 1996-1998, Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: Extensions.U,v \$

?RCS:

?MAKE:known\_extensions extensions dynamic\_ext static\_ext nonxs\_ext \

useposix useopcode uselanginfo : \

Myread hint usedl d\_sem d\_socket i\_db i\_dbm i\_rpcsvdbm i\_gdbm \

d\_ndbm usethreads use5005threads package test cat rsrc \  
d\_msg d\_shm osname use64bitint \  
libs d\_cplusplus sed ls rm contains trnl sort  
?MAKE: -pick add \$@ %<  
?Y:BOTTOM  
?S:known\_extensions:  
?S: This variable holds a list of all extensions (both XS and non-xs)  
?S: included in the package source distribution. This information is  
?S: only really of use during the Perl build, as the list makes no  
?S: distinction between extensions which were build and installed, and  
?S: those which where not. See "extensions" for the list of extensions  
?S: actually built and available.  
?S:.  
?S:dynamic\_ext:  
?S: This variable holds a list of XS extension files we want to  
?S: link dynamically into the package. It is used by Makefile.  
?S:.  
?S:static\_ext:  
?S: This variable holds a list of XS extension files we want to  
?S: link statically into the package. It is used by Makefile.  
?S:.  
?S:nonxs\_ext:  
?S: This variable holds a list of all non-xs extensions built and  
?S: installed by the package. By default, all non-xs extensions  
?S: distributed will be built, with the exception of platform-specific  
?S: extensions (currently only one VMS specific extension).  
?S:.  
?S:extensions:  
?S: This variable holds a list of all extension files (both XS and  
?S: non-xs) installed with the package. It is propagated to Config.pm  
?S: and is typically used to test whether a particular extension  
?S: is available.  
?S:.  
?S:useposix:  
?S: This variable holds either 'true' or 'false' to indicate  
?S: whether the POSIX extension should be used. The sole  
?S: use for this currently is to allow an easy mechanism  
?S: for hints files to indicate that POSIX will not compile  
?S: on a particular system.  
?S:.  
?S:useopcode:  
?S: This variable holds either 'true' or 'false' to indicate  
?S: whether the Opcode extension should be used. The sole  
?S: use for this currently is to allow an easy mechanism  
?S: for users to skip the Opcode extension from the Configure  
?S: command line.  
?S:.  
?S:uselanginfo:

?S: This variable holds either 'true' or 'false' to indicate  
?S: whether the I18N::Langinfo extension should be used. The sole  
?S: use for this currently is to allow an easy mechanism for users to skip  
?S: this extension from the Configure command line.  
?S:.

?T:xxx avail\_ext this\_ext tdir xs\_extensions nonxs\_extensions find\_extensions  
?INIT:: set useposix=false in your hint file to disable the POSIX extension.  
?INIT:useposix=true  
?INIT:: set useopcode=false in your hint file to disable the Opcode extension.  
?INIT:useopcode=true  
?INIT:: set uselanginfo=false in your hint file to disable the I18N::Langinfo extension.  
?INIT:uselanginfo=true  
?LINT:extern noextensions  
?LINT:extern onlyextensions  
?T:keepextensions i  
: Check extensions  
echo " "  
echo "Looking for extensions..." >&4  
: If we are using the old config.sh, nonxs\_extensions and xs\_extensions may  
: contain old or inaccurate or duplicate values.  
nonxs\_extensions="  
xs\_extensions="  
: We do not use find because it might not be available.  
: We do not just use MANIFEST because the user may have dropped  
: some additional extensions into the source tree and expect them  
: to be built.

: Function to recursively find available extensions, ignoring DynaLoader  
: NOTE: recursion limit of 10 to prevent runaway in case of symlink madness  
: In 5.10.1 and later, extensions are stored in directories  
: like File-Glob instead of the older File/Glob/.  
find\_extensions='  
  for xxx in \*; do  
  case "\$xxx" in  
    DynaLoader|dynaload) ;;  
    \*)  
      this\_ext=`echo "\$xxx" | \$sed -e s/-/\\/g`;  
      case "\$this\_ext" in  
        Scalar/List/Utils) this\_ext="List/Util" ;;  
        PathTools)     this\_ext="Cwd" ;;  
      esac;  
      echo " \$xs\_extensions \$nonxs\_extensions" > "\$tdir/\$.tmp";  
      if \$contains " \$this\_ext " "\$tdir/\$.tmp"; then  
      echo >&4;  
      echo "Duplicate directories detected for extension \$xxx" >&4;  
      echo "Configure cannot correctly recover from this - shall I abort?" >&4;  
      case "\$knowitall" in  
        "") dflt=y;;



```

*) dflt=n;;
esac;
.../UU/myread;
case "$ans" in
n*|N*) ;;
*) echo >&4;
    echo "Ok. Stopping Configure." >&4;
    echo "Please remove the duplicate directory (e.g. using git clean) and then re-run Configure" >&4;
    exit 1;;
esac;
echo "Ok. You will need to correct config.sh before running make." >&4;
fi;
$ls -l "$xxx" > "$tdir/$$.tmp";
if $contains "\.xs$" "$tdir/$$.tmp" > /dev/null 2>&1; then
xs_extensions="$xs_extensions $this_ext";
elif $contains "\.c$" "$tdir/$$.tmp" > /dev/null 2>&1; then
xs_extensions="$xs_extensions $this_ext";
elif $test -d "$xxx"; then
nonxs_extensions="$nonxs_extensions $this_ext";
fi;
$rm -f "$tdir/$$.tmp";
;;
esac;
done'
tdir=`pwd`
cd "$rsrc/cpan"
set X
shift
eval $find_extensions
cd "$rsrc/dist"
set X
shift
eval $find_extensions
cd "$rsrc/ext"
set X
shift
eval $find_extensions
set X $xs_extensions
shift
xs_extensions=`echo "$*" | tr ' ' $trnl | $sort | tr $trnl ' '`
set X $nonxs_extensions
shift
nonxs_extensions=`echo "$*" | tr ' ' $trnl | $sort | tr $trnl ' '`
cd "$tdir"
known_extensions=`echo $nonxs_extensions $xs_extensions | tr ' ' $trnl | $sort | tr $trnl ' '`

```

: Now see which are supported on this system.

?X: avail\_ext lists available XS extensions.

```

avail_ext="
for xxx in $xs_extensions ; do
case "$xxx" in
?X: Handle possible DOS 8.3 filename and case alterations
Amiga*)
case "$osname" in
amigaos) avail_ext="$savail_ext $xxx" ;;
esac
;;
DB_File|db_file)
case "$i_db" in
$define) avail_ext="$savail_ext $xxx" ;;
esac
;;
GDBM_File|gdbm_fil)
case "$i_gdbm" in
$define) avail_ext="$savail_ext $xxx" ;;
esac
;;
IPC/SysV|ipc/sysv)
: XXX Do we need a useipcsysv variable here
case "${d_msg}${d_sem}${d_shm}" in
*"${define})*" avail_ext="$savail_ext $xxx" ;;
esac
;;
NDBM_File|ndbm_fil)
case "$d_ndbm" in
$define)
case "$osname-$use64bitint" in
hpux-define)
case "$libs" in
*-lndbm*) avail_ext="$savail_ext $xxx" ;;
esac
;;
*) avail_ext="$savail_ext $xxx" ;;
esac
;;
esac
;;
ODBM_File|odbm_fil)
case "${i_dbm}${i_rpcsvcdbm}" in
*"${define})*"
case "$d_cplusplus" in
define) ;; # delete as a function name will not work
*) case "$osname-$use64bitint" in
hpux-define)
case "$libs" in
*-ldb*) avail_ext="$savail_ext $xxx" ;;

```

```

    esac
    ;;
*) avail_ext="$avail_ext $xxx" ;;
esac
;;
esac
;;
esac
;;
Opcode|opcode)
case "$useopcode" in
true|define|y) avail_ext="$avail_ext $xxx" ;;
esac
;;
POSIX|posix)
case "$useposix" in
true|define|y) avail_ext="$avail_ext $xxx" ;;
esac
;;
Socket|socket)
case "$d_socket" in
true|$define|y) avail_ext="$avail_ext $xxx" ;;
esac
;;
I18N/Langinfo|langinfo)
case "$uselanginfo" in
true|define|y) avail_ext="$avail_ext $xxx" ;;
esac
;;
Sys/Syslog|sys/syslog)
case $osname in
amigaos) ;; # not really very useful on AmigaOS
*)
: XXX syslog requires socket
case "$d_socket" in
true|$define|y) avail_ext="$avail_ext $xxx" ;;
esac
;;
esac
;;
Thread|thread)
    case "$sethreads" in
    true|$define|y)
        case "$use5005threads" in
        $define|true|[yY]*) avail_ext="$avail_ext $xxx" ;;
        esac
    esac
esac
;;

```

```

threads|threads/shared)
# threads and threads::shared are special cases.
# To stop people from asking "Perl 5.8.0 was supposed
# to have this new fancy threads implementation but my
# perl doesn't have it" and from people trying to
# (re)install the threads module using CPAN.pm and
# CPAN.pm then offering to reinstall Perl 5.8.0,
# the threads.pm and threads/shared.pm will always be
# there, croaking informatively ("you need to rebuild
# all of Perl with threads, sorry") when threads haven't
# been compiled in.
# --jhi
avail_ext="$avail_ext $xxx"
;;
VMS*)
;;
Win32*)
case "$osname" in
cygwin) avail_ext="$avail_ext $xxx" ;;
esac
;;
XS/APItest|xs/apitest)
# This is just for testing. Skip it unless we have dynamic loading.

case "$usedl" in
$define) avail_ext="$avail_ext $xxx" ;;
esac
;;
XS/Typemap|xs/typemap)
# This is just for testing. Skip it unless we have dynamic loading.
case "$usedl" in
$define) avail_ext="$avail_ext $xxx" ;;
esac
;;
*) avail_ext="$avail_ext $xxx"
;;
esac
done

set X $avail_ext
shift
avail_ext="$*"

case "$onlyextensions" in
") ;;
*) keepextensions="
echo "You have requested that only certain extensions be included..." >&4
for i in $onlyextensions; do

```

```

case " $avail_ext " in
*" $i "*)
    echo "Keeping extension $i."
    keepextensions="$keepextensions $i"
    ;;
*) echo "Ignoring extension $i." ;;
esac
done
avail_ext="$keepextensions"
;;
esac

```

```

case "$noextensions" in
") ;;
*) keepextensions="
echo "You have requested that certain extensions be ignored..." >&4
for i in $avail_ext; do
    case " $noextensions " in
*" $i "*) echo "Ignoring extension $i." ;;
*) echo "Keeping extension $i.";
    keepextensions="$keepextensions $i"
    ;;
esac
done
avail_ext="$keepextensions"
;;
esac

```

: Now see which nonxs extensions are supported on this system.

: For now assume all are.

```

nonxs_ext="
for xxx in $nonxs_extensions ; do
case "$xxx" in
VMS*)
    ;;
*) nonxs_ext="$nonxs_ext $xxx"
    ;;
esac
done

```

```

set X $nonxs_ext
shift
nonxs_ext="$*"

```

```

case $usedl in
$define)
$cat <<EOM

```

A number of extensions are supplied with \$package. You may choose to

compile these extensions for dynamic loading (the default), compile them into the \$package executable (static loading), or not include them at all. Answer "none" to include no extensions.  
Note that DynaLoader is always built and need not be mentioned here.

EOM

```
case "$dynamic_ext" in
")
: Exclude those listed in static_ext
dflt="
for xxx in $avail_ext; do
case " $static_ext " in
*" $xxx *) ;;
*) dflt="$dflt $xxx" ;;
esac
done
set X $dflt
shift
dflt="$*"
;;
*) dflt="$dynamic_ext"
# Perhaps we are reusing an old out-of-date config.sh.
case "$hint" in
previous)
if test X"$dynamic_ext" != X"$avail_ext"; then
$cat <<EOM
```

NOTICE: Your previous config.sh list may be incorrect.

The extensions now available to you are

```
${avail_ext}
```

but the default list from your previous config.sh is

```
${dynamic_ext}
```

EOM

```
fi
;;
esac
;;
esac
case "$dflt" in
") dflt=none;;
esac
rp="What extensions do you wish to load dynamically?"
./myread
case "$ans" in
?X: Use ' ' so a subsequent Configure will preserve that value.
none) dynamic_ext=' ' ;;
*) dynamic_ext="$ans" ;;
esac
```

```

case "$static_ext" in
")
: Exclude those already listed in dynamic linking
dflt="
for xxx in $avail_ext; do
case " $dynamic_ext " in
*" $xxx *) ;;
*) dflt="$dflt $xxx" ;;
esac
done
set X $dflt
shift
dflt="$*"
;;
*) dflt="$static_ext"
;;
esac

case "$dflt" in
") dflt=none;;
esac
rp="What extensions do you wish to load statically?"
. ./myread
case "$ans" in
?X: Use ' ' so a subsequent Configure will preserve that value.
none) static_ext=' ' ;;
*) static_ext="$ans" ;;
esac
;;
*)
$cat <<EOM
A number of extensions are supplied with $package. Answer "none"
to include no extensions.
Note that DynaLoader is always built and need not be mentioned here.

```

EOM

```

case "$static_ext" in
") dflt="$avail_ext" ;;
*) dflt="$static_ext"
# Perhaps we are reusing an old out-of-date config.sh.
case "$hint" in
previous)
if test X"$static_ext" != X"$avail_ext"; then
$cat <<EOM

```

NOTICE: Your previous config.sh list may be incorrect.

The extensions now available to you are

```

${avail_ext}

```

but the default list from your previous config.sh is

```
${static_ext}
```

```
EOM
```

```
fi
```

```
;;
```

```
esac
```

```
;;
```

```
esac
```

```
: Exclude those that are not xs extensions
```

```
case "$dflt" in
```

```
) dflt=none;;
```

```
esac
```

```
rp="What extensions do you wish to include?"
```

```
. ./myread
```

```
case "$ans" in
```

```
?X: Use ' ' so a subsequent Configure will preserve that value.
```

```
none) static_ext=' ';;
```

```
*) static_ext="$ans" ;;
```

```
esac
```

```
;;
```

```
esac
```

```
#
```

```
# Encode is a special case. If we are building Encode as a static
```

```
# extension, we need to explicitly list its subextensions as well.
```

```
# For other nested extensions, this is handled automatically by
```

```
# the appropriate Makefile.PL.
```

```
case " $static_ext " in
```

```
*" Encode "*) # Add the subextensions of Encode
```

```
cd "$src/cpan"
```

```
for xxx in `ls Encode/*/Makefile.PL|awk -F/ '{print $2}'`; do
```

```
static_ext="$static_ext Encode/$xxx"
```

```
known_extensions="$known_extensions Encode/$xxx"
```

```
done
```

```
cd "$tdir"
```

```
;;
```

```
esac
```

```
set X $dynamic_ext $static_ext $nonxs_ext
```

```
shift
```

```
extensions="$*"
```

```
# Sanity check: We require an extension suitable for use with
```

```
# AnyDBM_File, as well as Fcntl and IO. (Failure to have these
```

```
# should show up as failures in the test suite, but it's helpful to
```

```
# catch them now.) The 'extensions' list is normally sorted
```

```
# alphabetically, so we need to accept either
```

```
# DB_File ... Fcntl ... IO ...
```



```

# or something like
# Fcntl ... NDBM_File ... IO ....
case "$extensions" in
*_File "$*" Fcntl "$*" IO "$*" ;; # DB_File
*_File "$*" Fcntl "$*" IO "$*" ;; # GDBM_File
*_File "$*" IO "$*" *_File "$*" ;; # NDBM_File
*) echo "WARNING: Extensions DB_File or *_DBM_File, Fcntl, and IO not configured." >&4
  echo "WARNING: The Perl you are building will be quite crippled." >&4
  ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Extensions.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_asctime\_r.U,v ORCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_asctime\_r asctime\_r\_proto: Inlibc Protochk Hasproto i\_systypes \
 usethreads i\_time i\_systime extern\_C

?MAKE: -pick add \$@ %<

?S:d\_asctime\_r:

?S: This variable conditionally defines the HAS\_ASCTIME\_R symbol,

?S: which indicates to the C program that the asctime\_r()

?S: routine is available.

?S:.

?S:asctime\_r\_proto:

?S: This variable encodes the prototype of asctime\_r.

?S: It is zero if d\_asctime\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_asctime\_r

?S: is defined.

?S:.

?C:HAS\_ASCTIME\_R:

?C: This symbol, if defined, indicates that the asctime\_r routine

?C: is available to asctime re-entrantly.

?C:.

?C:ASCTIME\_R\_PROTO:

?C: This symbol encodes the prototype of asctime\_r.

?C: It is zero if d\_asctime\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_asctime\_r

?C: is defined.

?C:.

```

?H:#$d_asctime_r HAS_ASCTIME_R /**/
?H:#define ASCTIME_R_PROTO $asctime_r_proto /**/
?H:.
?T:try hdrs d_asctime_r_proto
: see if asctime_r exists
set asctime_r d_asctime_r
eval $inlibc
case "$d_asctime_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_time time.h $i_systime sys/time.h"
case "$d_asctime_r_proto:$usethreads" in
":define") d_asctime_r_proto=define
set d_asctime_r_proto asctime_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_asctime_r_proto" in
define)
case "$asctime_r_proto" in
"|0) try='char* asctime_r(const struct tm*, char*);'
./prochck "$extern_C $try" $hdrs && asctime_r_proto=B_SB ;;
esac
case "$asctime_r_proto" in
"|0) try='char* asctime_r(const struct tm*, char*, int);'
./prochck "$extern_C $try" $hdrs && asctime_r_proto=B_SBI ;;
esac
case "$asctime_r_proto" in
"|0) try='int asctime_r(const struct tm*, char*);'
./prochck "$extern_C $try" $hdrs && asctime_r_proto=I_SB ;;
esac
case "$asctime_r_proto" in
"|0) try='int asctime_r(const struct tm*, char*, int);'
./prochck "$extern_C $try" $hdrs && asctime_r_proto=I_SBI ;;
esac
case "$asctime_r_proto" in
"|0) d_asctime_r=undef
asctime_r_proto=0
echo "Disabling asctime_r, cannot determine prototype." >&4 ;;
* ) case "$asctime_r_proto" in
REENTRANT_PROTO*) ;;
*) asctime_r_proto="REENTRANT_PROTO_ $asctime_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "asctime_r has no prototype, not using it." >&4 ;;
esac

```

```
d_asctime_r=undef
asctime_r_proto=0
;;
esac
;;
*) asctime_r_proto=0
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_asctime_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_msg.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:37 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_msg: test d\_msgctl d\_msgget d\_msgsnd d\_msgrcv Setvar Findhdr osname

?MAKE: -pick add \$@ %<

?S:d\_msg:

?S: This variable conditionally defines the HAS\_MSG symbol, which

?S: indicates that the entire msg\*(2) library is present.

?S:.

?C:HAS\_MSG:

?C: This symbol, if defined, indicates that the entire msg\*(2) library is

?C: supported (IPC mechanism based on message queues).

?C:.

?H:#\$d\_msg HAS\_MSG /\*\*/

?H:.

?T:h\_msg

?LINT:set d\_msg

: see how much of the 'msg\*(2)' library is present.

h\_msg=true

echo " "

case "\$d\_msgctl\$d\_msgget\$d\_msgsnd\$d\_msgrcv" in

\*"\$undef"\*) h\_msg=false;;

esac

```

case "$osname" in
freebsd)
  case "`ipcs 2>&1`" in
    "SVID messages"*"not configured"*)
      echo "Your $osname does not have the msg*(2) configured." >&4
        h_msg=false
      val="$undef"
      set msgctl d_msgctl
      eval $setvar
      set msgget d_msgget
      eval $setvar
      set msgsnd d_msgsnd
      eval $setvar
      set msgrcv d_msgrcv
      eval $setvar
    ;;
    esac
  ;;
esac
: we could also check for sys/ipc.h ...
if $h_msg && $test `./findhdr sys/msg.h`; then
  echo "You have the full msg*(2) library." >&4
  val="$define"
else
  echo "You don't have the full msg*(2) library." >&4
  val="$undef"
fi
set d_msg
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msg.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_unistd.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: i_unistd.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:46 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

?RCS:  
?MAKE:i\_unistd: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_unistd:  
?S: This variable conditionally defines the I\_UNISTD symbol, and indicates  
?S: whether a C program should include <unistd.h>.  
?S:.  
?C:I\_UNISTD:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <unistd.h>.  
?C:.  
?H:#\$i\_unistd I\_UNISTD /\*\*/  
?H:.  
?LINT:set i\_unistd  
: see if this is a unistd.h system  
set unistd.h i\_unistd  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_unistd.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_chroot.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_chroot.U,v \$  
?RCS: Revision 3.0.1.1 1994/08/29 16:07:17 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_chroot: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_chroot:  
?S: This variable conditionally defines the HAS\_CHROOT symbol, which  
?S: indicates to the C program that the chroot() routine is available.  
?S:.  
?C:HAS\_CHROOT :  
?C: This symbol, if defined, indicates that the chroot routine is  
?C: available.

```
?C:
?H:#$d_chroot HAS_CHROOT /**/
?H:
?LINT:set d_chroot
: see if chroot exists
set chroot d_chroot
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_chroot.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Chk_whoami.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Chk_whoami.U,v $
?RCS: Revision 3.0 1993/08/18 12:04:46 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit makes sure we don't try to include whoami.h if uname() exists.
?X:
?MAKE:Chk_whoami: d_uname i_whoami
?MAKE: -pick add $@ %<
?LINT:change i_whoami
: weed out incompatibilities
case "$d_uname" in
"$define") i_whoami="$sundef" ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Chk_whoami.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
```

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_mkdtmp: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_mkdtmp:

?S: This variable conditionally defines the HAS\_MKDTEMP symbol, which

?S: indicates to the C program that the mkdtmp() routine is available

?S: to exclusively create a uniquely named temporary directory.

?S:.

?C:HAS\_MKDTEMP :

?C: This symbol, if defined, indicates that the mkdtmp routine is

?C: available to exclusively create a uniquely named temporary directory.

?C:.

?H:#\$d\_mkdtmp HAS\_MKDTEMP /\*\*/

?H:.

?LINT:set d\_mkdtmp

: see if mkdtmp exists

set mkdtmp d\_mkdtmp

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_mkdtmp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_hidnet.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_hidnet.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:20 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_hidnet hiddennet: cat sed myhostname mydomain Myread Oldconfig

?MAKE: -pick add \$@ %<

?S:d\_hidnet:

?S: This variable conditionally defines the symbol HIDDEN\_NET, which

?S: tells the C program that it should pretend it is on a different

?S: host for purposes of advertising a mailing address.

?S:.

?S:hiddennet:

?S: This variable contains the value eventually given to the symbol

```

?S: HIDDEN_NET, if d_hidnet defines it. If defined, it's the name
?S: of the host which serves as the mail server for a network that
?S: is invisible to the outside world.
?S:.
?C:HIDDEN_NET (HIDDENNET):
?C: This symbol, if defined, contains the host name that you want to
?C: advertise to the outside world. This name can be different from
?C: your actual host name, as long as the machine you specify knows
?C: how to forward mail to you.
?C:.
?H:#$d_hidnet HIDDEN_NET "$hiddennet" /**/
?H:.
: now get the host name to advertise as our mailing address
case "$hiddennet" in
") dflt=n;;
*) dflt=y;;
esac
$cat <<EOM

```

Some sites are on "hidden" networks, in the sense that the network appears to the outside world as a single machine. The advertised name of any host on this hidden network is the name of one machine on the local network which knows how to forward mail to any other host on the hidden network.

Do you wish to advertise a different hostname to the world than the one your own host (\$myhostname\$mydomain) has?

```

EOM
rp='Use "hidden" network?'
./myread
case "$ans" in
n*) d_hidnet="$undef" hiddennet="";
*)
d_hidnet="$define"
echo " "
case "$hiddennet" in
") dflt=`echo $mydomain | $sed -e 's/^\./\/';`
*) dflt="$hiddennet";
esac
rp='What hostname do you wish to advertise?'
./myread
hiddennet="$ans"
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_hidnet.U

```



No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_speedopt.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_speedopt.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:15:51 ram
?RCS: patch36: call ./Cpplib explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:27 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_speedopt: Myread Cpplib Oldconfig cat models Setvar
?MAKE: -pick add $@ %<
?S:d_speedopt:
?S: This variable conditionally defines the SPEED_OVER_MEM symbol, which
?S: indicates to the C program that it can burn memory in order to save
?S: CPU time.
?S:.
?C:SPEED_OVER_MEM (SPEEDOVERMEM):
?C: This symbol, if defined, indicates that the program can use more
?C: memory in order to reduce CPU time. The symbol doesn't say whether
?C: we are more interested in saving text space or data space.
?C:.
?H:#$d_speedopt SPEED_OVER_MEM /**/
?H:.
?LINT:set d_speedopt
: do we want speed at the expense of memory
$cat <<'EOM'
```

I can try to optimize this package for either speed or memory. If you have limited address space you may wish to optimize for memory. Otherwise you should probably optimize for speed.

```
EOM
case "$d_speedopt" in
") if ./Cpplib $smallmach; then
case "$models" in
*large*|*huge*) dflt=speed;;
*) dflt=memory;;
esac
```

```

else
  dflt=speed
fi
;;
*define*) dflt=speed;;
*) dflt=memory;;
esac
rp="What to optimize for?"
./myread
case "$ans" in
mem*) val="$undef";;
*) val="$define";;
esac
set d_speedopt
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_speedopt.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_endpwent\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_endpwent\_r endpwent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
 usethreads i\_pwd extern\_C

?MAKE: -pick add \$@ %<

?S:d\_endpwent\_r:

?S: This variable conditionally defines the HAS\_ENDPWENT\_R symbol,

?S: which indicates to the C program that the endpwent\_r()

?S: routine is available.

?S:.

?S:endpwent\_r\_proto:

?S: This variable encodes the prototype of endpwent\_r.

?S: It is zero if d\_endpwent\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_endpwent\_r

?S: is defined.

?S:.

?C:HAS\_ENDPWENT\_R:

?C: This symbol, if defined, indicates that the endpwent\_r routine

?C: is available to endpwent re-entrantly.

?C:.

?C:ENDPWENT\_R\_PROTO:

```

?C: This symbol encodes the prototype of endpwent_r.
?C: It is zero if d_endpwent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endpwent_r
?C: is defined.
?C:.
?H:#$d_endpwent_r HAS_ENDPWENT_R /**/
?H:#define ENDPWENT_R_PROTO $endpwent_r_proto /**/
?H:.
?T:try hdrs d_endpwent_r_proto
: see if endpwent_r exists
set endpwent_r d_endpwent_r
eval $inlibc
case "$d_endpwent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
case "$d_endpwent_r_proto:$usethreads" in
":define") d_endpwent_r_proto=define
set d_endpwent_r_proto endpwent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_endpwent_r_proto" in
define)
case "$endpwent_r_proto" in
"|0) try='int endpwent_r(FILE**);'
./protochk "$sextern_C $try" $hdrs && endpwent_r_proto=I_H ;;
esac
case "$endpwent_r_proto" in
"|0) try='void endpwent_r(FILE**);'
./protochk "$sextern_C $try" $hdrs && endpwent_r_proto=V_H ;;
esac
case "$endpwent_r_proto" in
"|0) d_endpwent_r=undef
endpwent_r_proto=0
echo "Disabling endpwent_r, cannot determine prototype." >&4 ;;
*) case "$endpwent_r_proto" in
REENTRANT_PROTO*) ;;
*) endpwent_r_proto="REENTRANT_PROTO_$endpwent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "endpwent_r has no prototype, not using it." >&4 ;;
esac
d_endpwent_r=undef
endpwent_r_proto=0
;;

```

```
esac
;;
*) endpwent_r_proto=0
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endpwent_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_recvmsg: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_recvmsg:

?S: This variable conditionally defines the HAS\_RECVMSG symbol, which

?S: indicates to the C program that the recvmsg() routine is available.

?S:.

?C:HAS\_RECVMSG:

?C: This symbol, if defined, indicates that the recvmsg routine is

?C: available to send structured socket messages.

?C:.

?H:#\$d\_recvmsg HAS\_RECVMSG /\*\*/

?H:.

?LINT:set d\_recvmsg

: see if recvmsg exists

set recvmsg d\_recvmsg

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_recvmsg.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sbrktype.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

```

?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sbrktype.U,v $
?RCS: Revision 3.0 1993/08/18 12:09:43 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:sbrktype: Myread Oldconfig Loc contains Findhdr
?MAKE: -pick add $@ %<
?S:sbrktype:
?S: This variable defines sbrktype to be something like caddr_t, char *,
?S: or whatever type is used to declare sbrk() in the kernel.
?S:.
?C:Caddr_t (SBRKTYPE):
?C: This symbol holds the type of a core address. It is inteded to be used
?C: to safely declare the return type of system calls like sbrk(). It might
?C: be necessary to include <sys/types.h> as well.
?C:.
?H:#define Caddr_t $sbrktype /* <core address> type */
?H:.
: see what type sbrk is declared as in the kernel
case "$sbrktype" in
")
if $contains 'caddr_t;' `./findhdr sys/types.h` >/dev/null 2>&1 ; then
dflt='caddr_t';
else
dflt='char *';
fi
;;
*) dflt="$sbrktype"
;;
esac
echo " "
rp="What is the return type of sbrk() on this system?"
./myread
sbrktype="$ans"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sbrktype.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Prefixit.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of

```

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Prefixit.U,v \$

?RCS: Revision 3.0.1.1 1995/01/30 14:29:22 ram

?RCS: patch49: created

?RCS:

?X:

?X: Used as: "set dflt var dir; eval \$prefixit" to set \$dflt to be

?X: \$prefix/dir by default, or the previous \$var depending on certain

?X: conditions:

?X: - If the \$oldprefix variable is empty, then \$prefix holds the same

?X: value as on previous runs. Therefore, reuse \$var if set, otherwise

?X: set \$dflt to \$prefix/dir.

?X: - If \$oldprefix is not empty, then set \$dflt to \$prefix/dir if \$var

?X: is empty (first run). Otherwise, if \$var is \$oldprefix/dir, then

?X: change it to \$prefix/dir. If none of the above, reuse the old \$var.

?X:

?X: When dir is omitted, the dflt variable is set to \$var if prefix did not

?X: change, to an empty value otherwise. If dir=none, then a single space

?X: in var is kept as-is, even if the prefix changes.

?X:

?MAKE:Prefixit: prefix oldprefix

?MAKE: -pick add \$@ %<

?LINT:define prefixit

?S:prefixit:

?S: This shell variable is used internally by Configure to reset

?S: the leading installation prefix correctly when it is changed.

?S: set dflt var [dir]

?S: eval \$prefixit

?S: That will set \$dflt to \$var or \$prefix/dir depending on the

?S: value of \$var and \$oldprefix.

?S:.

?V:prefixit

?T:tp

: set the prefixit variable, to compute a suitable default value

```
prefixit='case "$3" in
```

```
""|none)
```

```
case "$oldprefix" in
```

```
"" ) eval "$1=\"\$$2\"";;
```

```
*)
```

```
case "$3" in
```

```
"" ) eval "$1=";;
```

```
none)
```

```
eval "tp=\"\$$2\"";
```

```
case "$tp" in
```

```
""|" ") eval "$1=\"\$$2\"";;
```

```
*) eval "$1=";;
```

```

    esac;;
    esac;;
    esac;;
*)
eval "tp=\"\$oldprefix-\$$2-\""; eval "tp=\"\$tp\"";
case "$tp" in
--/*--|\~*--) eval "$1=\"\$prefix/$3\"";;
/*-$oldprefix/*|\~*-$oldprefix/*)
    eval "$1=\"echo \$$2 | sed \"s,^\$oldprefix,\$prefix,\"\"";;
*) eval "$1=\"\$$2\"";;
    esac;;
esac'

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Prefixit.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_madvise: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_madvise:

?S: This variable conditionally defines HAS\_MADVISE if madvise() is

?S: available to map a file into memory.

?S:.

?C:HAS\_MADVISE:

?C: This symbol, if defined, indicates that the madvise system call is

?C: available to map a file into memory.

?C:.

?H:#\$d\_madvise HAS\_MADVISE /\*\*/

?H:.

?LINT:set d\_madvise

: see if madvise exists

set madvise d\_madvise

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_madvise.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorhtml3dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999, Andy Dougherty

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorhtml3dir.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?MAKE:vendorhtml3dir vendorhtml3direxp installvendorhtml3dir: html3dir Getfile \

Oldconfig Setprefixvar Prefixit test vendorprefix prefix sed

?MAKE: -pick add \$@ %<

?Y:TOP

?S:vendorhtml3dir:

?S: This variable contains the name of the directory for html

?S: library pages. It may have a ~ on the front.

?S: The standard distribution will put nothing in this directory.

?S: Vendors who distribute perl may wish to place their own

?S: html pages for modules and extensions in this directory with

?S: MakeMaker Makefile.PL INSTALLDIRS=vendor

?S: or equivalent. See INSTALL for details.

?S:.

?S:vendorhtml3direxp:

?S: This variable is the ~name expanded version of vendorhtml3dir, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installvendorhtml3dir="

?S:installvendorhtml3dir:

?S: This variable is really the same as vendorhtml3direxp but may differ on

?S: those systems using AFS. For extra portability, only this variable

?S: should be used in makefiles.

?S:.

?LINT:change prefixvar

?LINT:set installvendorhtml3dir

: Set the vendorhtml3dir variables

case "\$vendorprefix" in

~) vendorhtml3dir="

vendorhtml3direxp="

::

\*) : determine where vendor-supplied module html pages go.

: There is no standard location, so try to copy the previously-selected



```

: directory structure for the core html pages.
: XXX Better default suggestions would be welcome.
case "$vendorhtml3dir" in
*) dflt=`echo "$html3dir" | $sed "s#^$prefix#$vendorprefix#" ` ;;
*) dflt=$vendorhtml3dir ;;
esac
case "$dflt" in
'| ') dflt=none ;;
esac
fn=dn+~
rp='Pathname for the vendor-supplied html pages?'
./getfile
vendorhtml3dir="$ans"
vendorhtml3direxp="$ansexp"
;;
esac
: Use ' ' for none so value is preserved next time through Configure
$test X"$vendorhtml3dir" = "X" && vendorhtml3dir=' '
prefixvar=vendorhtml3dir
./installprefix

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorhtml3dir.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_strtoul.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:46:43 ram

?RCS: patch61: created

?RCS:

?RCS:

?MAKE:d\_strtoul: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strtoul:

?S: This variable conditionally defines the HAS\_STRTOUL symbol, which

?S: indicates to the C program that the strtoul() routine is available

?S: to provide conversion of strings to unsigned long.

?S:  
?C:HAS\_STRTOUL (STRTOUL):  
?C: This symbol, if defined, indicates that the strtoul routine is  
?C: available to provide conversion of strings to unsigned long.  
?C:.

?H:#\$d\_strtoul HAS\_STRTOUL /\*\*/

?H:.

?LINT:set d\_strtoul

: see if strtoul exists

set strtoul d\_strtoul

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_strtoul.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: inc.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: inc.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:51 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:inc incexp: Loc Oldconfig Getfile us rinc

?MAKE: -pick add \$@ %<

?S:inc:

?S: This variable holds the name of the directory in which the user wants

?S: to put public header files for the package in question. It is most

?S: often a local directory such as /usr/local/include.

?S:.

?S:incexp:

?S: This is the same as the inc variable, but is filename expanded

?S: at configuration time for convenient use in your makefiles.

?S:.

: determine where public header files go

case "\$inc" in

")

dflt=`./loc . ." /usr/local/include /usr/include/local \$usrinc`

::

\*) dflt="\$inc"

```
;;
esac
fn=d~
rp='Where do you want to put the public header files?'
./getfile
inc="$ans"
incexp="$ansexp"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/inc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_symlink.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_symlink.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:07:41 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_symlink: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_symlink:
```

```
?S: This variable conditionally defines the HAS_SYMLINK symbol, which
```

```
?S: indicates to the C program that the symlink() routine is available
```

```
?S: to create symbolic links.
```

```
?S:.
```

```
?C:HAS_SYMLINK (SYMLINK):
```

```
?C: This symbol, if defined, indicates that the symlink routine is available
```

```
?C: to create symbolic links.
```

```
?C:.
```

```
?H:#$d_symlink HAS_SYMLINK /**/
```

```
?H:.
```

```
?LINT:set d_symlink
```

```
: see if symlink exists
```

```
set symlink d_symlink
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_symlink.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: so.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: so.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 16:30:04 ram
?RCS: patch36: now tells user how he can suppress shared lib lookup (ADO)
?RCS: patch36: removed echo at the top, since it's now in the here-doc (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 07:07:02 ram
?RCS: patch30: created
?RCS:
?X:
?X: This unit computes the shared-object / shared-lib extension
?X:
?MAKE:so d_libname_unique: test libpth Loc Myread Oldconfig cat Setvar
?MAKE: -pick add $@ %<
?S:so:
?S: This variable holds the extension used to identify shared libraries
?S: (also known as shared objects) on the system. Usually set to 'so'.
?S:.
?S:d_libname_unique:
?S: This variable is defined if the target system insists on unique
?S: basenames for shared library files. This is currently true on Android,
?S: false everywhere else we know of.
?S: Defaults to 'undef'.
?S:.
?LINT:set d_libname_unique
?T: xxx
: compute shared library extension
case "$so" in
")
if xxx=`./loc libc.sl X $libpth`; $test -f "$xxx"; then
dflt='sl'
else
dflt='so'
fi
;;
*) dflt="$so";;
esac
```

\$cat <<EOM

On some systems, shared libraries may be available. Answer 'none' if you want to suppress searching of shared libraries for the remainder of this configuration.

EOM

rp='What is the file extension used for shared libraries?'

./myread

so="\$ans"

: Does target system insist that shared library basenames are unique

\$cat << EOM

Some dynamic loaders assume that the \*basename\* of shared library filenames are globally unique. We'll default this to undef as we assume your system is not this weird. Set to defined if you're on one of them.

EOM

dflt='n'

rp='Make shared library basenames unique?'

./myread

case "\$ans" in

y|Y) val="\$define" ;;

\*) val="\$undef" ;;

esac

set d\_libname\_unique

eval \$setvar

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/so.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: usethreads.U,v \$

?RCS:

?RCS: Copyright (c) 1998-2000 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: usethreads.U,v \$

?RCS:

?MAKE:usethreads useithreads use5005threads d\_oldpthreads usereentrant: \

Myread Oldconfig Setvar test cat patchlevel

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usethreads:

?S: This variable conditionally defines the USE\_THREADS symbol,

?S: and indicates that Perl should be built to use threads.

?S:.

?S:useithreads:

?S: This variable conditionally defines the USE\_ITHREADS symbol,

?S: and indicates that Perl should be built to use the interpreter-based

?S: threading implementation.

?S:.

?S:use5005threads:

?S: This variable conditionally defines the USE\_5005THREADS symbol,

?S: and indicates that Perl should be built to use the 5.005-based

?S: threading implementation. Only valid up to 5.8.x.

?S:.

?X: I'm putting old\_pthreads in this unit because it might eventually

?X: be part of an automatic determination to see if we can use threads

?X: at all.

?S:d\_oldpthreads:

?S: This variable conditionally defines the OLD\_PTHREADS\_API symbol,

?S: and indicates that Perl should be built to use the old

?S: draft POSIX threads API. This is only potentially meaningful if

?S: usethreads is set.

?S:.

?S:usereentrant:

?S: This variable conditionally defines the USE\_REENTRANT\_API symbol,

?S: which indicates that the thread code may try to use the various

?S: \_r versions of library functions. This is only potentially

?S: meaningful if usethreads is set and is very experimental, it is

?S: not even prompted for.

?S:.

?C:USE\_ITHREADS:

?C: This symbol, if defined, indicates that Perl should be built to

?C: use the interpreter-based threading implementation.

?C:.

?C:USE\_5005THREADS:

?C: This symbol, if defined, indicates that Perl should be built to

?C: use the 5.005-based threading implementation.

?C: Only valid up to 5.8.x.

?C:.

?C:USE\_THREADS:

?C: This symbol, if defined, indicates that Perl should

?C: be built to use threads. At present, it is a synonym for

?C: USE\_5005THREADS for perl older than 5.8 and USE\_ITHREADS

?C: for 5.8.x and newer, but eventually the source ought to be

?C: changed to use this to mean \_any\_ threading implementation.

?C:.

?C:OLD\_PTHREADS\_API:

?C: This symbol, if defined, indicates that Perl should

```

?C: be built to use the old draft POSIX threads API.
?C:.
?C:USE_REENTRANT_API:
?C: This symbol, if defined, indicates that Perl should
?C: try to use the various _r versions of library functions.
?C: This is extremely experimental.
?C:.
?H:#$use5005threads USE_5005THREADS /**/
?H:#$useithreads USE_ITHREADS /**/
?H:?%<:#if defined(USE_5005THREADS) && !defined(USE_ITHREADS)
?H:?%<:#define USE_THREADS /* until src is revised*/
?H:?%<:#endif
?H:#$d_oldpthreads OLD_PTHREADS_API /**/
?H:#$usereentrant USE_REENTRANT_API /**/
?H:.
?X: [hmb] Removed LINT for use5005threads, useithreads, and
?X: usereentrant, as LINT is only run on blead
?LINT:set usethreads d_oldpthreads
?INIT:: set usethreads on the Configure command line to enable threads.
?INIT:usereentrant='undef'
?F:!usethreads.cbu
: Do we want threads support and if so, what type
?X: We should really have some explanatory text here, and some
?X: automatic setting of sensible defaults.
case "$usethreads" in
$define|true|[yY]*) dflt='y';;
*) # Catch case where user specified ithreads or 5005threads but
# forgot -Dusethreads (A.D. 4/2002)
case "$useithreads$use5005threads" in
*$define*) dflt='y';;
*) dflt='n';;
esac
;;
esac
cat <<EOM

```

Perl can be built to offer a form of threading support on some systems  
To do so, Configure can be run with -Dusethreads.

Note that Perl built with threading support runs slightly slower  
and uses slightly more memory than plain Perl.

If this doesn't make any sense to you, just accept the default '\$dflt'.

```

EOM
rp='Build a threading Perl?'
./myread
case "$ans" in
y|Y) val="$define" ;;

```

```

*)    val="$undef" ;;
esac
set usethreads
eval $setvar

if $test $patchlevel -lt 9; then
  case "$usethreads" in
    $define)
: Default to ithreads unless overridden on command line or with
: old config.sh
dflt='y'
  case "$use5005threads" in
    $define|true|[yY]*)
    echo "5.005 threads are no longer supported"
    exit 1
    ;;
  esac
  case "$useithreads" in
    $undef|false|[nN]*) dflt='n';;
  esac
  rp='Use the newer interpreter-based ithreads?'
  . ./myread
  case "$ans" in
    y|Y)  val="$define" ;;
    *)   val="$undef" ;;
  esac
  set useithreads
  eval $setvar
: Now set use5005threads to the opposite value.
  case "$useithreads" in
    $define) val="$undef" ;;
    *) val="$define" ;;
  esac
  set use5005threads
  eval $setvar
  ;;
  *)
  useithreads="$undef"
  use5005threads="$undef"
  ;;
  esac

```

?X: This is not supposed to be possible but with some trickery, maybe.

```

  case "$useithreads$use5005threads" in
    "$define$define")
$cat >&4 <<EOM

```

You cannot have both the ithreads and the 5.005 threads enabled



at the same time. Disabling the 5.005 threads since they are much less stable than the ithreads.

EOM

```
use5005threads="$undef"
```

```
::
```

```
esac
```

else

: perl-5.9.x and later

```
if test X"$usetthreads" = "X$define"; then
```

```
case "$use5005threads" in
```

```
  $define|true|[yY]*)
```

```
  $cat >&4 <<EOM
```

5.005 threads has been removed for 5.10. Perl will be built using ithreads.

EOM

```
::
```

```
esac
```

```
fi
```

```
use5005threads="$undef"
```

```
useithreads="$usetthreads"
```

```
fi
```

?X: Check out what kind of threads API we have

```
case "$d_oldpthreads" in
```

```
) : Configure tests would be welcome here. For now, assume undef.
```

```
  val="$undef" ;;
```

```
*) val="$d_oldpthreads" ;;
```

```
esac
```

```
set d_oldpthreads
```

```
eval $setvar
```

?X: In general, -lpthread needs to come before -lc but after other

?X: libraries such as -lgdbm and such like. We assume here that -lc

?X: is present in libswanted. If that fails to be true, then this

?X: can be changed to add pthread to the very end of libswanted.

: Look for a hint-file generated 'call-back-unit'. If the

: user has specified that a threading perl is to be built,

: we may need to set or change some other defaults.

```
if $test -f usethreads.cbu; then
```

```
  echo "Your platform has some specific hints regarding threaded builds, using them..."
```

```
  ./usethreads.cbu
```

```
else
```

```

    case "$usetthreads" in
"$define"|true|[yY]*)
    $cat <<EOM
(Your platform does not have any specific hints for threaded builds.
Assuming POSIX threads, then.)
EOM
;;
    esac
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/usetthreads.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_memcpy.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memcpy.U,v $
?RCS: Revision 3.0.1.1 1993/09/13 16:02:58 ram
?RCS: patch10: removed text recommending bcopy over memcpy (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:34 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memcpy: Inlibc
?MAKE: -pick add $@ %<
?S:d_memcpy:
?S: This variable conditionally defines the HAS_MEMCPY symbol, which
?S: indicates to the C program that the memcpy() routine is available
?S: to copy blocks of memory.
?S:
?C:HAS_MEMCPY (MEMCPY):
?C: This symbol, if defined, indicates that the memcpy routine is available
?C: to copy blocks of memory.
?C:
?H:#$d_memcpy HAS_MEMCPY /**/
?H:
?LINT:set d_memcpy
: see if memcpy exists
set memcpy d_memcpy

```

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_memcpy.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: lex.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>

?RCS:

?RCS: \$Log: lex.U,v \$

?RCS: Revision 3.0.1.3 1994/10/29 16:22:50 ram

?RCS: patch36: spurious single quote could cause Configure to crash

?RCS: patch36: (reported by Xavier Le Vourch <xavierl@eiffel.com>.)

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:27:09 ram

?RCS: patch32: added lexflags variable for lex flags setting

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:06:01 ram

?RCS: patch23: added trailing blank line for metalint

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:55 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:lex lexflags: Guess Myread Oldconfig flex test

?MAKE:-pick add \$@ %<

?S:lex:

?S: This variable holds the name of the lexical analyser generator we

?S: want to use in the Makefile. It can be lex or flex.

?S:.

?S:lexflags:

?S: This variable holds any flags that should be passed to the lexical

?S: analyzer. It is up to the Makefile to use it.

?S:.

: determine lexical analyser generator

case "\$lex" in

)

dflt=lex;;

\*)

```

dflt="$lex";;
esac
echo " "
if $test -f "$flex"; then
  rp='Which lexical analyser generator (lex or flex) shall I use?'
else
  rp='Which lexical analyser generator shall I use?'
fi
./myread
lex="$ans"

@if lexflags
: if using lex this will normally be useless, but flex frequently takes args
echo " "
case "$lexflags" in
  ") dflt='none';;
  *) dflt="$lexflags";;
esac
rp="What flags should be given to $lex?"
./myread
case "$ans" in
  none) lexflags="";;
  *) lexflags="$ans";;
esac

@end

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lex.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: gidtype.U,v 3.0.1.3 1994/08/29 16:21:44 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: gidtype.U,v $
?RCS: Revision 3.0.1.3 1994/08/29 16:21:44 ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS: patch32: removed useless usage of Setvar (for now)
?RCS:
?RCS: Revision 3.0.1.2 1994/05/13 15:21:07 ram
```

```

?RCS: patch27: added lint hint
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:01:51 ram
?RCS: patch23: protected gidtype setting via setvar (ADO)
?RCS: patch23: made Gid_t comment more explicit (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:11 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:gidtype: Myread Typedef Findhdr
?MAKE: -pick add $@ %<
?S:gidtype:
?S: This variable defines Gid_t to be something like gid_t, int,
?S: ushort, or whatever type is used to declare the return type
?S: of getgid(). Typically, it is the type of group ids in the kernel.
?S:.
?C:Gid_t (GIDTYPE):
?C: This symbol holds the return type of getgid() and the type of
?C: argument to setrgid() and related functions. Typically,
?C: it is the type of group ids in the kernel. It can be int, ushort,
?C: gid_t, etc... It may be necessary to include <sys/types.h> to get
?C: any typedef'ed information.
?C:.
?H:#define Gid_t $gidtype /* Type for getgid(), etc... */
?H:.
?T:xxx
: see what type gids are declared as in the kernel
echo " "
echo "Looking for the type for group ids returned by getgid()."
set gid_t gidtype xxx stdio.h sys/types.h
eval $typedef
case "$gidtype" in
xxx)
xxx=`./findhdr sys/user.h`
set `grep 'groups\[NGROUPS\];' "$xxx" 2>/dev/null` unsigned short
case $1 in
unsigned) dflt="$1 $2" ;;
*) dflt="$1" ;;
esac
;;
*) dflt="$gidtype";;
esac
case "$gidtype" in
gid_t) echo "gid_t found." ;;
*) rp="What is the type for group ids returned by getgid()?"
./myread
gidtype="$ans"
;;

```

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidtype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_setproctitle: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_setproctitle:

?S: This variable conditionally defines the HAS\_SETPROCTITLE symbol,

?S: which indicates to the C program that the setproctitle() routine

?S: is available.

?S:.

?C:HAS\_SETPROCTITLE:

?C: This symbol, if defined, indicates that the setproctitle routine is

?C: available to set process title.

?C:.

?H:#\$d\_setproctitle HAS\_SETPROCTITLE /\*\*/

?H:.

?LINT:set d\_setproctitle

: see if setproctitle exists

set setproctitle d\_setproctitle

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_setproctitle.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_ctermid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_ctermid.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:54 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_ctermid: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_ctermid:  
?S: This variable conditionally defines CTERMID if ctermid() is  
?S: available to generate filename for terminal.  
?S:.  
?C:HAS\_CTERMID (CTERMID):  
?C: This symbol, if defined, indicates that the ctermid routine is  
?C: available to generate filename for terminal.  
?C:.  
?H:#\$d\_ctermid HAS\_CTERMID /\*\*/  
?H:.  
?LINT:set d\_ctermid  
: see if ctermid exists  
set ctermid d\_ctermid  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_ctermid.U

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_rint: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_rint:

?S: This variable conditionally defines the HAS\_RINT symbol, which

?S: indicates to the C program that the rint() routine is available.

?S:.

?C:HAS\_RINT:

?C: This symbol, if defined, indicates that the rint routine is

?C: available to return the nearest integral value to x as double

?C: using the current rounding mode.

?C:.

?H:#\$d\_rint HAS\_RINT /\*\*/  
?H:.

?LINT:set d\_rint

: see if rint exists

set rint d\_rint

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d\_llrint.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_llrint: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_llrint:

?S: This variable conditionally defines the HAS\_LLRLINT symbol, which

?S: indicates to the C program that the llrint() routine is available

?S: to return the long long value closest to a double (according

?S: to the current rounding mode).

?S:.

?C:HAS\_LLRLINT:

?C: This symbol, if defined, indicates that the llrint routine is

?C: available to return the long long value closest to a double

?C: (according to the current rounding mode).

?C:.

?H:#\$d\_llrint HAS\_LLRLINT /\*\*/

?H:.

?LINT:set d\_llrint

: see if llrint exists

set llrint d\_llrint

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d\_llrint.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysutsname.U,v \$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_sysutsname: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_sysutsname:

?S: This variable conditionally defines the I\_SYSUTSNAME symbol,

?S: and indicates whether a C program should include <sys/utsname.h>.

?S:.

?C:I\_SYSUTSNAME:

?C: This symbol, if defined, indicates that <sys/utsname.h> exists and

?C: should be included.

?C:.



?H:#\$i\_sysutsname I\_SYSUTSNAME /\*\*/

?H:.

?LINT:set i\_sysutsname

: see if this is a sys/utsname.h system

set sys/utsname.h i\_sysutsname

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_sysutsname.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: randfunc.U,v \$

?RCS: Revision 3.0 1993/08/18 12:09:39 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This is the new unit that should be used when random

?X: functions are to be used. It thus makes randbits.U obsolete.

?X:

?MAKE:randfunc mrand seedfunc nrandbits: cat +cc rm test Myread Csym

?MAKE: -pick add \$@ %<

?S:randfunc:

?S: Indicates the name of the random number function to use.

?S: Values include drand48, random, and rand. In C programs,

?S: the 'nrand' macro is defined to generate uniformly distributed

?S: random numbers over the range [0., 1.] (see mrand and nrand).

?S:.

?S:mrand:

?S: Indicates the macro to be used to generate normalized

?S: random numbers. Uses randfunc, often divided by

?S: (double) ((1 << nrandbits) -1) in order to normalize the result.

?S: In C programs, the macro 'nrand' is mapped on mrand.

?S:.

?S:seedfunc:

?S: Indicates the random number generating seed function.

?S: Values include srand48, srandom, and srand.

?S:.

```

?S:nrandbits:
?S: Indicates how many bits are produced by the function used to
?S: generate normalized random numbers.
?S:.
?C:nrand:
?C: This macro is to be used to generate uniformly distributed
?C: random numbers over the range [0., 1.].
?C:.
?C:seednrand:
?C: This symbol defines the macro to be used in seeding the
?C: random number generator (see nrand).
?C:.
?H:#define nrand() $mrand /**/
?H:#define seednrand(x) $seedfunc(x) /**/
?H:.
?T:cont val
?LINT:nothere $nrandbits)
: How can we generate normalized random numbers ?
echo " "
case "$randfunc" in
")
if set drand48 val -f; eval $csym; $val; then
dflt="drand48"
echo "Good, found drand48()." >&4
elif set random val -f; eval $csym; $val; then
dflt="random"
echo "OK, found random()." >&4
else
dflt="rand"
echo "Yick, looks like I have to use rand()." >&4
fi
echo " "
;;
*)
dflt="$randfunc"
;;
esac
cont=true
while $test "$cont"; do
rp="Use which function to generate random numbers?"
./myread
?X: Invalidates nrandbits if the answer is not the default so
?X: that the value stored in config.sh will not be used when
?X: we change our random function.
if $test "$ans" = "$dflt"; then
: null
else
nrandbits="

```

```

fi
randfunc="$Sans"
if set $Sans val -f; eval $csym; $val; then
  cont=""
else
  dflt=n
  rp="Function $ans does not exists. Use that name anyway?"
  ./myread
  dflt=rand
  case "$ans" in
    [yY]*) cont="";;
  esac
fi
case "$cont" in
  ")
  case "$randfunc" in
    drand48)
      mrand="drand48()"
      seedfunc="srand48"
      ;;
    rand*)
      case "$nrandbits" in
        ")
echo "Checking to see how many bits your $randfunc() function produces..." >&4
  $cat >try.c <<EOCP
#include <stdio.h>
int main()
{
  register int i;
  register unsigned long tmp;
  register unsigned long max = 0L;
  extern long random();

  for (i = 1000; i; i--) {
    tmp = (unsigned long)$randfunc();
    if (tmp > max) max = tmp;
  }
  for (i = 0; max; i++)
    max /= 2;
  printf("%d\n",i);
}
EOCP
if $cc -o try try.c >/dev/null 2>&1 ; then
  dflt=`try`
else
  dflt=?
echo "(I can't seem to compile the test program...)"
fi

```

```

;;
*)
dflt="$nrandbits"
;;
esac
rp="How many bits does your $randfunc() function produce?"
./myread
nrandbits="$sans"
$rm -f try.c try
mrand="($randfunc() / (double) ((1 << $nrandbits) - 1))"
seedfunc="srand"
;;
?X: The following is provided just in case...
*)
dflt="31"
rp="How many bits does your $randfunc() function produce?"
./myread
nrandbits="$sans"
seedfunc="$s$randfunc"
mrand="($randfunc() / (double) ((1 << $nrandbits) - 1))"
if set $seedfunc val -f; eval $csym; $val; then
echo "(Using $seedfunc() to seed random generator)"
else
echo "(Warning: no $seedfunc() to seed random generator)"
seedfunc=rand
fi
;;
esac
;;
esac
done

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/randfunc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: baserev.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: as specified in the README file that comes with the distribution.
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: baserev.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:05:24 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:baserev: Null
?MAKE: -pick wipe $@ %<
?S:baserev:
?S: The base revision level of this package, from the .package file.
?S:.
: set the base revision
baserev=<BASEREV>
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/baserev.U
No license file was found, but licenses were detected in source scan.
```

```
?RCS: $Id: libnm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libnm.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 16:08:26 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:01 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libnm: test Loc libpth _a
?MAKE: -pick add $@ %<
?S:libnm:
?S: This variable contains the argument to pass to the loader in order
?S: to get the new math library routines. If there is no new math
?S: library, it is null.
?S:.
?T:ans
?O: use libswanted='-lnm' instead (see libs.U).
: see if we should include -lnm
echo " "
if $test -r /usr/lib/libnm$_a || $test -r /usr/local/lib/libnm$_a ; then
echo "New math library found." >&4
libnm='-lnm'
else
```

```

ans=`./loc libnm$_a x $libpth`
case "$ans" in
x)
echo "No nm library found--the normal math library will have to do." >&4
libnm=""
;;
*)
echo "New math library found in $ans." >&4
libnm="$ans"
;;
esac
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libnm.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_db.U,v 3.0.1.3 1995/07/25 14:10:22 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: i_db.U,v $
?RCS: Revision 3.0.1.3 1995/07/25 14:10:22 ram
?RCS: patch56: conditionally use const in test programs (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1995/05/12 12:14:42 ram
?RCS: patch54: extended for more intimate DB probing (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:21:50 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:i_db db_hashtype db_prefixtype \
db_version_major db_version_minor db_version_patch : \
Inhdr +cc +ccflags rm_try contains cat \
Compile libs sed run i_stdlib
?MAKE: -pick add $@ %<
?S:i_db:
?S: This variable conditionally defines the I_DB symbol, and indicates
?S: whether a C program may include Berkeley's DB include file <db.h>.

```

?S:.

?S:db\_hashtype:

?S: This variable contains the type of the hash structure element

?S: in the <db.h> header file. In older versions of DB, it was

?S: int, while in newer ones it is u\_int32\_t.

?S:.

?S:db\_prefixtype:

?S: This variable contains the type of the prefix structure element

?S: in the <db.h> header file. In older versions of DB, it was

?S: int, while in newer ones it is size\_t.

?S:.

?S:db\_version\_major:

?S: This variable contains the major version number of

?S: Berkeley DB found in the <db.h> header file.

?S:.

?S:db\_version\_minor:

?S: This variable contains the minor version number of

?S: Berkeley DB found in the <db.h> header file.

?S: For DB version 1 this is always 0.

?S:.

?S:db\_version\_patch:

?S: This variable contains the patch version number of

?S: Berkeley DB found in the <db.h> header file.

?S: For DB version 1 this is always 0.

?S:.

?C:I\_DB:

?C: This symbol, if defined, indicates to the C program that it should

?C: include Berkeley's DB include file <db.h>.

?C:.

?C:DB\_Prefix\_t:

?C: This symbol contains the type of the prefix structure element

?C: in the <db.h> header file. In older versions of DB, it was

?C: int, while in newer ones it is u\_int32\_t.

?C:.

?C:DB\_Hash\_t:

?C: This symbol contains the type of the prefix structure element

?C: in the <db.h> header file. In older versions of DB, it was

?C: int, while in newer ones it is size\_t.

?C:.

?C:DB\_VERSION\_MAJOR\_CFG:

?C: This symbol, if defined, defines the major version number of

?C: Berkeley DB found in the <db.h> header when Perl was configured.

?C:.

?C:DB\_VERSION\_MINOR\_CFG:

?C: This symbol, if defined, defines the minor version number of

?C: Berkeley DB found in the <db.h> header when Perl was configured.

?C: For DB version 1 this is always 0.

?C:.

```

?C:DB_VERSION_PATCH_CFG:
?C: This symbol, if defined, defines the patch version number of
?C: Berkeley DB found in the <db.h> header when Perl was configured.
?C: For DB version 1 this is always 0.
?C:.
?H:#$i_db I_DB /**/
?H:#define DB_Hash_t $db_hashtype /**/
?H:#define DB_Prefix_t $db_prefixtype /**/
?H:#define DB_VERSION_MAJOR_CFG $db_version_major /**/
?H:#define DB_VERSION_MINOR_CFG $db_version_minor /**/
?H:#define DB_VERSION_PATCH_CFG $db_version_patch /**/
?H:.
?F:!try
?LINT:change libs
: see if this is a db.h system
set db.h i_db
eval $inhdr

case "$i_db" in
$define)
: Check db version.
echo " "
echo "Checking Berkeley DB version ..." >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <db.h>
int main(int argc, char *argv[])
{
#ifdef DB_VERSION_MAJOR /* DB version >= 2 */
int Major, Minor, Patch ;
unsigned long Version ;
(void)db_version(&Major, &Minor, &Patch) ;
if (argc == 2) {
printf("%d %d %d %d %d %d\n",
DB_VERSION_MAJOR, DB_VERSION_MINOR, DB_VERSION_PATCH,
Major, Minor, Patch);
exit(0);
}
printf("You have Berkeley DB Version 2 or greater.\n");

printf("db.h is from Berkeley DB Version %d.%d.%d\n",
DB_VERSION_MAJOR, DB_VERSION_MINOR, DB_VERSION_PATCH);
printf("libdb is from Berkeley DB Version %d.%d.%d\n",

```



```

Major, Minor, Patch) ;

/* check that db.h & libdb are compatible */
if (DB_VERSION_MAJOR != Major || DB_VERSION_MINOR != Minor || DB_VERSION_PATCH != Patch) {
printf("db.h and libdb are incompatible.\n") ;
    exit(3);
}

printf("db.h and libdb are compatible.\n") ;

Version = DB_VERSION_MAJOR * 1000000 + DB_VERSION_MINOR * 1000
+ DB_VERSION_PATCH ;

/* needs to be >= 2.3.4 */
if (Version < 2003004) {
/* if (DB_VERSION_MAJOR == 2 && DB_VERSION_MINOR == 0 && DB_VERSION_PATCH < 5) { */
printf("Perl needs Berkeley DB 2.3.4 or greater.\n") ;
    exit(2);
}

    exit(0);
#else
#if defined(_DB_H_) && defined(BTREEMAGIC) && defined(HASHMAGIC)
    if (argc == 2) {
        printf("1 0 0\n");
        exit(0);
    }
    printf("You have Berkeley DB Version 1.\n");
    exit(0); /* DB version < 2: the coast is clear. */
#else
    exit(1); /* <db.h> not Berkeley DB? */
#endif
#endif
}
EOCP
set try
if eval $compile_ok && $run ./try; then
echo 'Looks OK.' >&4
set ` $run ./try 1 `
db_version_major=$1
db_version_minor=$2
db_version_patch=$3
else
echo "I can't use Berkeley DB with your <db.h>. I'll disable Berkeley DB." >&4
i_db=$undef
case " $libs " in
*"-ldb "*)
: Remove db from list of libraries to use

```

```

echo "Removing unusable -ldb from library list" >&4
set `echo X $libs | $sed -e 's/-ldb //' -e 's/-ldb$/'`
shift
libs="$*"
echo "libs = $libs" >&4
;;
esac
fi
$rm_try
;;
esac

@if DB_Hash_t
case "$i_db" in
define)
: Check the return type needed for hash
echo " "
echo "Checking return type needed for hash for Berkeley DB ..." >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <db.h>

#ifdef DB_VERSION_MAJOR
u_int32_t hash_cb (const void* ptr, size_t size)
{
return 0;
}
HASHINFO info;
int main()
{
info.hash = hash_cb;
}
#endif
EOCP
if $cc $cflags -c try.c >try.out 2>&1 ; then
if $contains warning try.out >>/dev/null 2>&1 ; then
db_hashtype='int'
else
db_hashtype='u_int32_t'
fi
else
: XXX Maybe we should just give up here.
db_hashtype=u_int32_t
$cat try.out >&4
echo "Help: I can't seem to compile the db test program." >&4
echo "Something's wrong, but I'll assume you use $db_hashtype." >&4
fi
$rm_try

```

```

echo "Your version of Berkeley DB uses $db_hashtype for hash."
;;
*) db_hashtype=u_int32_t
;;
esac
@end
@if DB_Prefix_t
case "$i_db" in
define)
: Check the return type needed for prefix
echo " "
echo "Checking return type needed for prefix for Berkeley DB ..." >&4
cat >try.c <<EOCP
#include <sys/types.h>
#include <db.h>

#ifdef DB_VERSION_MAJOR
size_t prefix_cb (const DBT *key1, const DBT *key2)
{
return 0;
}
BTREEINFO info;
int main()
{
info.prefix = prefix_cb;
}
#endif
EOCP
if $cc $ccflags -c try.c >try.out 2>&1 ; then
if $contains warning try.out >>/dev/null 2>&1 ; then
db_prefixtype='int'
else
db_prefixtype='size_t'
fi
else
db_prefixtype='size_t'
: XXX Maybe we should just give up here.
$cat try.out >&4
echo "Help: I can't seem to compile the db test program." >&4
echo "Something's wrong, but I'll assume you use $db_prefixtype." >&4
fi
$rm_try
echo "Your version of Berkeley DB uses $db_prefixtype for prefix."
;;
*) db_prefixtype='size_t'
;;
esac
@end

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_db.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getpagsz.U,v 3.0.1.1 1994/10/29 16:13:10 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d\_getpagsz.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:13:10 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:14 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_getpagsz: Compile Oldconfig Myread Inlibc Findhdr

?MAKE: -pick add \$@ %<

?S:d\_getpagsz:

?S: This variable conditionally defines HAS\_GETPAGESIZE if getpagesize()

?S: is available to get the system page size.

?S:.

?C:HAS\_GETPAGESIZE (GETPAGESIZE):

?C: This symbol, if defined, indicates that the getpagesize system call

?C: is available to get system page size, which is the granularity of

?C: many memory management calls.

?C:.

?H:#\$d\_getpagsz HAS\_GETPAGESIZE /\*\*/

?H:.

?LINT:set d\_getpagsz

: see if getpagesize exists

set getpagesize d\_getpagsz

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_getpagsz.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: install.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: install.U,v $
?RCS: Revision 3.0.1.2 1995/09/25 09:16:37 ram
?RCS: patch59: all possible install programs are now looked for
?RCS:
?RCS: Revision 3.0.1.1 1995/01/11 15:30:41 ram
?RCS: patch45: created
?RCS:
?MAKE:install installdir: Loc Oldconfig Getfile cat test startsh rm +cc \
eunicefix package contains mkdir echo n c
?MAKE: -pick add $@ %<
?S:install:
?S: This variable contains the name of an install program that can accept
?S: BSD-style arguments. It must correctly support -c, -s, and -m at least.
?S: It is a fully qualified pathname when found. If you have a local
?S: install.SH file at the root directory of your package, it is assumed to
?S: be the default script emulating a BSD install and the variable will be
?S: set to ./install. Otherwise, it is set to plain 'install', relying on
?S: the user's PATH to perform miracles.
?S:.
?S:installdir:
?S: This variable contains the name of a program that can install nested
?S: directories. Often set to 'mkdir -p', it can also be 'install -d' if
?S: you have such a beast and lack the former. If you have an install.SH
?S: file at the root directory of your package, it will be used in last
?S: resort, setting the variable to './install -d'. Otherwise, it is set to
?S: plain 'mkdir', and cross your fingers!
?S:.
?T:dir file tryit prog creatdir either
?F:!tryinst
: locate a BSD compatible install program
echo " "
echo "Looking for a BSD-compatible install program..." >&4
@if installdir
creatdir="
@end
case "$install" in
")
tryit="
for dir in $pth; do
for file in ginstall installbsd scoinst install; do

```

```

    if $test -f $dir/$file; then
        tryit="$stryit $dir/$file"
    fi
done
done
$cat >try.c <<EOC
int main()
{
    printf("OK\n");
    exit(0);
}
EOC
if $cc -o try try.c >/dev/null 2>&1; then
    cp try try.ns
    strip try >/dev/null 2>&1
else
    echo "(I can't seem to compile a trivial C program -- bypassing.)"
    echo "try" >try
    cp try try.ns
fi
$cat >tryinst <<EOS
$startsh
$rm -rf foo d
@if installdir
\${1} -d foo/bar
@end
$mkdir d
\${1} -c -m 764 try.ns d
\${1} -c -s -m 642 try.ns d/try
EOS
chmod +x tryinst
$eunicefix tryinst
dflt=""
either=""
for prog in $stryit; do
    $echo $n "Checking $prog... $c"
    ./tryinst $prog >/dev/null 2>&1
@if installdir
    if $test -d foo/bar; then
        creatdir="$prog -d"
    fi
@end
    (ls -l d/try >try.ls; ls -l d/try.ns >tryno.ls) 2>/dev/null
    if (cmp -s d/try try && cmp -s d/try.ns try.ns && \
        $contains 'rwxrw-r--' tryno.ls && \
        $contains 'rw-r---w-' try.ls) >/dev/null 2>&1
    then
        dflt="$prog"

```

```

    echo "ok, that will do."
    break
fi
echo "not good$either."
either=' either'
$rm -f try*.ls
done
$rm -rf foo d tryinst try try*.ls try.*
case "$dflt" in
")
@if { test -f ../install.SH}
    echo "Hopefully, $package comes with its own install script!"
    dflt='./install'
@else
    dflt='install'
@end
;;
esac
*) dflt="$install";;
esac
$cat <<EOM

```

I will be requiring a BSD-compatible install program (one that allows options like -s to strip executables or -m to specify a file mode) to install \$package.

If the question below contains a fully qualified default path, then it is probably ok. If it is an unqualified name such as 'install', then it means I was unable to find out a good install program I could use. If

```

@if { test -f ../install.SH}
you know of one, please tell me about it. If the default is './install',
then I shall be using the install script supplied with $package.
@else
you know of one, please tell me about it.
@end

```

EOM

```

@if { test -f ../install.SH}
fn='/fe~(install,./install)'
@else
fn='/fe~(install)'
@end
rp='Which install program shall I use?'
./getfile
install="$ans"

@if installdir

```

```

: how can we create nested directories?
echo " "
echo "Ok, let's see how we can create nested directories..." >&4
case "$installdir" in
")
?X: First time, maybe we already found out a working one in $creatdir above...
?X: Prefer "mkdir -p" because of bugs in GNU install when not running as root
$mkdir -p foo/bar >/dev/null 2>&1
if $test -d foo/bar; then
echo "Great, we can build them using 'mkdir -p'."
creatdir='mkdir -p'
else
case "$creatdir" in
")
if eval "$install -d foo/bar"; $test -d foo/bar; then
creatdir="install -d"
echo "It looks like '$creatdir' will do it for us."
fi
;;
*)
eval "$creatdir foo/bar" >/dev/null 2>&1
if $test -d foo/bar; then
echo "Ah! We can use '$creatdir' to do just that."
else
creatdir="
fi
;;
esac
fi
$rm -rf foo
case "$creatdir" in
")
echo "Heck! Another ancient system lacking the comfort of modern ones!"
@if {test -f ../install.SH}
echo "You can thank $package for bringing you its own install script!"
installdir='./install -d'
@else
echo "We have no choice but to use plain old 'mkdir' -- wish me luck!"
installdir=mkdir
@end
;;
*) installdir="$creatdir";;
esac
;;
*) echo "As you already told me, '$installdir' should work.";;
esac

@end

```



Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/install.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_strncmp.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_strncmp.U,v \$

?RCS: Revision 3.0.1.2 1994/05/06 14:54:34 ram

?RCS: patch23: fixed a typo (WED)

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 16:04:39 ram

?RCS: patch10: created (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:24 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_strncmp: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strncmp:

?S: This variable conditionally defines the HAS\_STRCASECMP symbol, which

?S: indicates to the C program that the strcasecmp() routine is available

?S: for case-insensitive string compares.

?S:.

?C:HAS\_STRCASECMP:

?C: This symbol, if defined, indicates that the strcasecmp() routine is

?C: available for case-insensitive string compares.

?C:.

?H:#\$d\_strncmp HAS\_STRCASECMP /\*\*/

?H:.

?LINT:set d\_strncmp

: see if strcasecmp exists

set strcasecmp d\_strncmp

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_strncmp.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_gethbynm.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:08 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_gethbynm: Inlibc
?MAKE: -pick add $@ %<
?S:d_gethbynm (d_gethstby):
?S: This variable conditionally defines the HAS_GETHOSTBYNAME symbol, which
?S: indicates to the C program that the gethostbyname() routine is available
?S: to lookup host names in some data base or other.
?S:
?C:HAS_GETHOSTBYNAME (GETHOSTBYNAME):
?C: This symbol, if defined, indicates that the gethostbyname() routine is
?C: available to lookup host names in some data base or other.
?C:
?H:#$d_gethbynm HAS_GETHOSTBYNAME /**/
?H:
?LINT:set d_gethbynm
: see if gethostbyname exists
set gethostbyname d_gethbynm
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gethbynm.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: cpp_stuff.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
```

?RCS:  
?RCS: \$Log: cpp\_stuff.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/29 16:08:24 ram  
?RCS: patch36: now uses cppstdin instead of plain cpp for consistency (ADO)  
?RCS: patch36: remove temporary files when done  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:36 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:cpp\_stuff: cat contains cppstdin cppflags cppminus rm  
?MAKE: -pick add \$@ %<  
?S:cpp\_stuff:  
?S: This variable contains an identification of the concatenation mechanism  
?S: used by the C preprocessor.  
?S:.  
?C:CAT2:  
?C: This macro concatenates 2 tokens together.  
?C:.  
?C:CAT3:  
?C: This macro concatenates 3 tokens together.  
?C:.  
?C:CAT4:  
?C: This macro concatenates 4 tokens together.  
?C:.  
?C:CAT5:  
?C: This macro concatenates 5 tokens together.  
?C:.  
?C:STRINGIFY:  
?C: This macro surrounds its token with double quotes.  
?C:.  
?C:SCAT2:  
?C: This macro concatenates 2 tokens together and stringifies the result.  
?C: It might not exist, so #ifdef it in your code!  
?C:.  
?C:SCAT3:  
?C: This macro concatenates 3 tokens together and stringifies the result.  
?C: It might not exist, so #ifdef it in your code!  
?C:.  
?C:SCAT4:  
?C: This macro concatenates 4 tokens together and stringifies the result.  
?C: It might not exist, so #ifdef it in your code!  
?C:.  
?C:SCAT5:  
?C: This macro concatenates 5 tokens together and stringifies the result.  
?C: It might not exist, so #ifdef it in your code!  
?C:.  
?X: Dist pl70 included the following, but AIX's xlc compiler  
?X: (which is ANSI-ish and has cpp\_stuff == 42)) rejects

```

?X: The SQuoTe/EQuoTe stuff because the string literals are on
?X: separate lines. Sigh.
?X: Andy Dougherty 24 Feb 1998
?X: ?H:%<:#if $cpp_stuff == 1
?X: ?H:?CAT2:#define CAT2(a,b)a/**/b
?X: ?H:?CAT3:#define CAT3(a,b,c)a/**/b/**/c
?X: ?H:?CAT4:#define CAT4(a,b,c,d)a/**/b/**/c/**/d
?X: ?H:?CAT5:#define CAT5(a,b,c,d,e)a/**/b/**/c/**/d/**/e
?X: ?H:?STRINGIFY:#define STRINGIFY(a)"a"
?X: ?H:%<:#define SQuoTe(a)"a"
?X: ?H:%<:#define EQuoTe(a)a"
?X: ?H:?SCAT2:#define SCAT2(a,b)EQuoTe(SQuoTe(a)b)
?X: ?H:?SCAT3:#define SCAT3(a,b,c)EQuoTe(SQuoTe(a)b/**/c)
?X: ?H:?SCAT4:#define SCAT4(a,b,c,d)EQuoTe(SQuoTe(a)b/**/c/**/d)
?X: ?H:?SCAT5:#define SCAT5(a,b,c,d,e)EQuoTe(SQuoTe(a)b/**/c/**/d/**/e)
?X: ?H:%<:#endif
?H:%<:#if $cpp_stuff == 1
?H:?CAT2:#define CAT2(a,b) a/**/b
?H:?CAT3:#define CAT3(a,b,c) a/**/b/**/c
?H:?CAT4:#define CAT4(a,b,c,d) a/**/b/**/c/**/d
?H:?CAT5:#define CAT5(a,b,c,d,e) a/**/b/**/c/**/d/**/e
?H:?STRINGIFY:#define STRINGIFY(a) "a"
?X: If you can get stringification with catify, tell me how!
?H:%<:#endif
?H:%<:#if $cpp_stuff == 42
?H:%<:#define PeRl_CaTiFy(a, b) a ## b
?H:%<:#define PeRl_StGiFy(a) #a
?X: The additional level of indirection enables these macros to be
?X: used as arguments to other macros. See K&R 2nd ed., page 231.
?H:?CAT2:#define CAT2(a,b) PeRl_CaTiFy(a,b)
?H:?CAT3:#define CAT3(a,b,c) CAT2(PeRl_CaTiFy(a,b),c)
?H:?CAT4:#define CAT4(a,b,c,d) CAT2(CAT3(a,b,c),d)
?H:?CAT5:#define CAT5(a,b,c,d,e) CAT2(CAT4(a,b,c,d),e)
?H:%<:#define StGiFy(a) PeRl_StGiFy(a)
?H:?STRINGIFY:#define STRINGIFY(a) PeRl_StGiFy(a)
?H:?SCAT2:#define SCAT2(a,b) PeRl_StGiFy(a) PeRl_StGiFy(b)
?H:?SCAT3:#define SCAT3(a,b,c) PeRl_StGiFy(a) PeRl_StGiFy(b) PeRl_StGiFy(c)
?H:?SCAT4:#define SCAT4(a,b,c,d) PeRl_StGiFy(a) PeRl_StGiFy(b) PeRl_StGiFy(c) PeRl_StGiFy(d)
?H:?SCAT5:#define SCAT5(a,b,c,d,e) PeRl_StGiFy(a) PeRl_StGiFy(b) PeRl_StGiFy(c) PeRl_StGiFy(d)
PeRl_StGiFy(e)
?H:%<:#endif
?H:%<:#if $cpp_stuff != 1 && $cpp_stuff != 42
?H:%<:#include "Bleth: How does this C preprocessor concatenate tokens?"
?H:%<:#endif
?H:.
?W:%<:CAT2 CAT3 CAT4 CAT5 STRINGIFY SCAT2 SCAT3 SCAT4 SCAT5
?F:!cpp_stuff.c
?LINT:known StGiFy

```

```

?LINT:known PeRl_CaTiFy
?LINT:known PeRl_StGiFy
: how do we concatenate cpp tokens here?
echo " "
echo "Checking to see how your cpp does stuff like concatenate tokens..." >&4
$cat >cpp_stuff.c <<'EOCP'
#define RCAT(a,b)a/**/b
#define ACAT(a,b)a ## b
RCAT(Rei,ser)
ACAT(Cir,cus)
EOCP
$cppstdin $cppflags $cppminus <cpp_stuff.c >cpp_stuff.out 2>&1
if $contains 'Circus' cpp_stuff.out >/dev/null 2>&1; then
echo "Oh! Smells like ANSI's been here." >&4
echo "We can catify or stringify, separately or together!"
cpp_stuff=42
elif $contains 'Reiser' cpp_stuff.out >/dev/null 2>&1; then
echo "Ah, yes! The good old days!" >&4
echo "However, in the good old days we don't know how to stringify and"
echo "catify at the same time."
cpp_stuff=1
else
$cat >&4 <<EOM
Hmm, I don't seem to be able to concatenate tokens with your cpp.
You're going to have to edit the values of CAT[2-5] in config.h...
EOM
?X: It would be nice to have configure remind us at the end that some manual
?X: intervention is needed -- FIXME
cpp_stuff="/* Help! How do we handle cpp_stuff? */*/"
fi
$rm -f cpp_stuff.*

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/modified/cpp_stuff.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:longdblifbytes longdblmanbytes doubleifbytes doublenanbytes: Inlibc \

cat Compile run rm\_try Setvar echo d\_longdbl \

doublekind doublesize longdblkind longdblsize

?MAKE: -pick add \$@ %<

```

?S:longdblinfo:
?S: This variable contains comma-separated list of hexadecimal bytes
?S: for the long double precision infinity.
?S:.
?S:longdblinfo:
?S: This variable contains comma-separated list of hexadecimal bytes
?S: for the long double precision not-a-number.
?S:.
?S:doubleinfo:
?S: This variable contains comma-separated list of hexadecimal bytes
?S: for the double precision infinity.
?S:.
?S:doubleinfo:
?S: This variable contains comma-separated list of hexadecimal bytes
?S: for the double precision not-a-number.
?S:.
?C:DOUBLEINFBYTES:
?C: This symbol, if defined, is a comma-separated list of
?C: hexadecimal bytes for the double precision infinity.
?C:.
?C:DOUBLENANBYTES:
?C: This symbol, if defined, is a comma-separated list of
?C: hexadecimal bytes (0xHH) for the double precision not-a-number.
?C:.
?C:LONGDBLINFO:
?C: This symbol, if defined, is a comma-separated list of
?C: hexadecimal bytes for the long double precision infinity.
?C:.
?C:LONGDBLINFO:
?C: This symbol, if defined, is a comma-separated list of
?C: hexadecimal bytes (0xHH) for the long double precision not-a-number.
?C:.
?H:#define DOUBLEINFBYTES $doubleinfo /**/
?H:#define DOUBLENANBYTES $doubleinfo /**/
?H:#define LONGDBLINFO $longdblinfo /**/
?H:#define LONGDBLINFO $longdblinfo /**/
?H:.
?F:!try
: Check what kind of inf/nan your system has
$echo "Checking the kind of infinities and nans you have..." >&4
$echo "(The following tests may crash. That's okay.)" >&4
$cat >try.c <<EOP
#define DOUBLESIZE $doubleinfo
#$d_longdbl HAS_LONG_DOUBLE
#ifdef HAS_LONG_DOUBLE
#define LONG_DOUBLESIZE $longdblinfo
#define LONG_DOUBLEKIND $longdblinfo
#endif

```

```

#include <math.h>
#include <string.h>
#include <stdio.h>
/* Note that whether the sign bit is on or off
 * for NaN depends on the CPU/FPU, and possibly
 * can be affected by the build toolchain.
 *
 * For example for older MIPS and HP-PA 2.0 the quiet NaN is:
 * 0x7f, 0xf7, 0xff, 0xff, 0xff, 0xff, 0xff, 0xff
 * 0x7f, 0xf4, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00
 * (respectively) as opposed to the more usual
 * 0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00
 *
 * Pre-IEEE-754 floating point format do not even have inf/nan support
 * at all. They might have a "max" value (DBL_MAX), which may be deadly
 * to even mention, causing immediate SIGFPE or equivalent: this is
 * the case with VAX floating point, for example.
 */
static void bytes(void *v, unsigned int n) {
    unsigned char *p = (unsigned char *)v;
    int i;
    for (i = 0; i < n; i++) {
        printf("0x%02x%s", p[i], i < n - 1 ? ", " : "\n");
    }
}

int main(int argc, char *argv[]) {
    /* We cannot use 1.0/0.0 and 0.0/0.0 (with L suffixes for long double)
     * because some compilers are 'smart' and not only warn but refuse to
     * compile such 'illegal' values. */
    double dinf = exp(1e9);
    double dnan = sqrt(-1.0);
#ifdef HAS_LONG_DOUBLE
    long double ldinf = (long double)exp(1e9);
    long double ldnan = (long double)sqrt(-1.0);
    # if LONG_DOUBLEKIND == 3 || LONG_DOUBLEKIND == 4
    /* the 80-bit long doubles might have garbage in their excess bytes */
    memset((char *)&ldinf + 10, '\0', LONG_DOUBLESIZE - 10);
    memset((char *)&ldnan + 10, '\0', LONG_DOUBLESIZE - 10);
#endif
    if (argc == 2) {
        switch (argv[1][0]) {
            case '1': bytes(&dinf, sizeof(dinf)); break;
            case '2': bytes(&dnan, sizeof(dnan)); break;
            case '3': bytes(&ldinf, sizeof(ldinf)); break;
            case '4': bytes(&ldnan, sizeof(ldnan)); break;
        }
    }
}

```

```

return 0;
}
EOP
set try
if eval $compile; then
  doubleinbytes=`$run ./try 1`
  doublenanbytes=`$run ./try 2`
  case "$d_longdbl" in
  $define)
    longdblbytes=`$run ./try 3`
    longdblbytes=`$run ./try 4`
    ;;
  esac
else
  # Defaults in case the above test program failed.
  case "$doublekind" in
  1) # IEEE 754 32-bit LE
    doubleinbytes='0x00, 0x00, 0xf0, 0x7f'
    doublenanbytes='0x00, 0x00, 0xf8, 0x7f'
    ;;
  2) # IEEE 754 32-bit BE
    doubleinbytes='0x7f, 0xf0, 0x00, 0x00'
    doublenanbytes='0x7f, 0xf8, 0x00, 0x00'
    ;;
  3) # IEEE 754 64-bit LE
    doubleinbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0, 0x7f'
    doublenanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf8, 0x7f'
    ;;
  4) # IEEE 754 64-bit BE
    doubleinbytes='0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
    doublenanbytes='0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
    ;;
  5) # IEEE 754 128-bit LE
    doubleinbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0,
0x7f'
    doublenanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf8,
0x7f'
    ;;
  6) # IEEE 754 128-bit BE
    doubleinbytes='0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    doublenanbytes='0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
  7) # IEEE 754 64-bit mixed: 32-bit LEs in BE
    doubleinbytes='0x00, 0x00, 0xf0, 0x7f, 0x00, 0x00, 0x00, 0x00'
    doublenanbytes='0x00, 0x00, 0xf8, 0x7f, 0x00, 0x00, 0x00, 0x00'
    ;;

```



```

8) # IEEE 754 64-bit mixed: 32-bit BEs in LE
   doubleinbytes='0x00, 0x00, 0x00, 0x00, 0x7f, 0xf0, 0x00, 0x00'
   doublenanbytes='0x00, 0x00, 0x00, 0x00, 0x7f, 0xf8, 0x00, 0x00'
   ;;
9|10|11|12|13|14) # VAX/Cray/IBM floating point formats, no inf/nan.
   doubleinbytes=$undef
   doublenanbytes=$undef
   ;;
*) # No idea.
   doubleinbytes=$undef
   doublenanbytes=$undef
   ;;
esac
case "$longdblkind" in
1) # IEEE 754 128-bit LE
   longdblifbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xff,
0x7f'
   longdblifnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x80, 0xff,
0x7f'
   ;;
2) # IEEE 754 128-bit BE
   longdblifbytes='0x7f, 0xff, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
   longdblifnanbytes='0x7f, 0xff, 0x80, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
   ;;
3) # IEEE 754 80-bit LE, 12 or 16 bytes (x86)
   case "$longdblsize" in
12) # x86 32-bit (96 bits, or 4 x 32, or 12 x 8)
   longdblifbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x80, 0xff, 0x7f, 0x00, 0x00'
   longdblifnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xc0, 0xff, 0x7f, 0x00, 0x00'
   ;;
16) # x86_64
   longdblifbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x80, 0xff, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
   longdblifnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xc0, 0xff, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
   ;;
*) # No idea.
   longdblifbytes=$undef
   longdblifnanbytes=$undef
   ;;
esac
;;
4) # IEEE 754 80-bit BE, 12 or 16 bytes
   case "$longdblsize" in
12) # 32-bit system
   longdblifbytes='0x7f, 0xff, 0x80, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'

```

```

    longdblmanbytes='0x7f, 0xff, 0xc0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
    ;;
16) # 64-bit system
    longdblmanbytes='0x7f, 0xff, 0x80, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblmanbytes='0x7f, 0xff, 0xc0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
*) # No idea.
    longdblmanbytes=$undef
    longdblmanbytes=$undef
    ;;
esac
    ;;
5) # 128-bit LE-LE "double double"
    longdblmanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0,
0x7f'
    longdblmanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf8,
0x7f'
    ;;
6) # 128-bit BE-BE "double double"
    longdblmanbytes='0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblmanbytes='0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
7) # 128-bit LE-BE "double double"
    longdblmanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblmanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf8, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
8) # 128-bit BE-LE "double double"
    longdblmanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblmanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
9|10|11|12|13|14) # VAX/Cray/IBM floating point formats, no inf/nan.
    longdblmanbytes=$undef
    longdblmanbytes=$undef
    ;;
*) # No idea.
    longdblmanbytes=$undef
    longdblmanbytes=$undef
    ;;
esac
fi

```

```

# In case the program crashed the values are empty, turn them undef.
case "$doubleinbytes" in
") doubleinbytes=$undef ;;
esac
case "$doublenanbytes" in
") doublenanbytes=$undef ;;
esac
case "$longdblinbytes" in
") longdblinbytes=$undef ;;
esac
case "$longdblnanbytes" in
") longdblnanbytes=$undef ;;
esac
$rm_try

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/infnan.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: sitearch.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:21:30 ram

?RCS: patch61: created

?RCS:

?MAKE:sitearch sitearchexp installsitearch: afs cat Getfile \

Oldconfig Prefixit prefix test archname sitelib

?MAKE: -pick add \$@ %<

?Y:TOP

?S:sitearch:

?S: This variable contains the eventual value of the SITEARCH symbol,

?S: which is the name of the private library for this package. It may

?S: have a ~ on the front. It is up to the makefile to eventually create

?S: this directory while performing installation (with ~ substitution).

?S:.

?S:sitearchexp:

?S: This variable is the ~name expanded version of sitearch, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?S:installsitearch:

?S: This variable is really the same as sitearchexp but may differ on

?S: those systems using AFS. For extra portability, only this variable

?S: should be used in makefiles.

?S:.

?C:SITEARCH:

?C: This symbol contains the name of the private library for this package.

?C: The library is private in the sense that it needn't be in anyone's

?C: execution path, but it should be accessible by the world. The program

?C: should be prepared to do ~ expansion.

?C: The standard distribution will put nothing in this directory.

?C: Individual sites may place their own extensions and modules in

?C: this directory.

?C:.

?C:SITEARCH\_EXP:

?C: This symbol contains the ~name expanded version of SITEARCH, to be used

?C: in programs that are not prepared to deal with ~ expansion at run-time.

?C:.

```
?H:#define SITEARCH "$sitearch" /**/
```

```
?H:#define SITEARCH_EXP "$sitearchexp" /**/
```

?H:.

?T:xxx

: determine where site specific architecture-dependent libraries go.

```
xxx=`echo $sitelib/$archname | sed 's!^$prefix!!`
```

: xxx is usually lib/site\_perl/archname.

```
set sitearch sitearch none
```

```
eval $prefixit
```

```
case "$sitearch" in
```

```
) dflt="$sitelib/$archname" ;;
```

```
*) dflt="$sitearch" ;;
```

```
esac
```

```
$cat <<EOM
```

The installation process will also create a directory for architecture-dependent site-specific extensions and modules.

EOM

```
fn=nd~+
```

```
rp='Pathname for the site-specific architecture-dependent library files?'
```

```
./getfile
```

```
if $test "X$sitearchexp" != "X$sansexp"; then
```

```
installsitearch="
```

```
fi
```

```
sitearch="$san"
```

```
sitearchexp="$sansexp"
```

```
if $afs; then
```

```
$cat <<EOM
```

Since you are running AFS, I need to distinguish the directory in which private files reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

EOM

```
case "$installsitearch" in
  ") dflt=`echo $sitearchexp | sed 's#^/afs/#/afs/.#`";
  *) dflt="$installsitearch";;
esac
fn=de~
rp='Where will private files be installed?'
./getfile
installsitearch="$ans"
else
installsitearch="$sitearchexp"
fi
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sitearch.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_nanosleep: Inlibc

?MAKE:-pick add \$@ %<

?S:d\_nanosleep:

?S: This variable conditionally defines HAS\_NANOSLEEP

?S: if nanosleep() is available to sleep with 1E-9 sec accuracy.

?S:.

?C:HAS\_NANOSLEEP:

?C: This symbol, if defined, indicates that the nanosleep

?C: system call is available to sleep with 1E-9 sec accuracy.

?C:.

?H:#\$d\_nanosleep HAS\_NANOSLEEP /\*\*/

?H:.

?LINT:set d\_nanosleep

: see if nanosleep exists

set nanosleep d\_nanosleep

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_nanosleep.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: startperl.U,v 3.0 1993/08/18 12:09:50 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: startperl.U,v \$

?RCS: Perl5 version -- I always have d\_portable=define.

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:50 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:startperl: cat Myread sharpbang initialinstalllocation test \  
versiononly version

?MAKE: -pick add \$@ %<

?Y:TOP

?X: This is different from dist's standard startperl.U unit because

?X: we can't directly test #!/usr/local/bin/perl (or whatever) because

?X: we haven't built and installed perl yet.

?S:startperl:

?S: This variable contains the string to put on the front of a perl

?S: script to make sure (hopefully) that it runs with perl and not some

?S: shell. Of course, that leading line must be followed by the classical

?S: perl idiom:

?S: eval 'exec perl -S \$0 \${1+"\$@"}'

?S: if \$running\_under\_some\_shell;

?S: to guarantee perl startup should the shell execute the script. Note

?S: that this magic incantation is not understood by csh.

?S:.

?C:STARTPERL:

?C: This variable contains the string to put in front of a perl

?C: script to make sure (one hopes) that it runs with perl and not

?C: some shell.

?C:.

?H:#define STARTPERL "\$startperl" /\*\*/

?H:.

```

: figure out how to guarantee perl startup
: XXX Note that this currently takes advantage of the bug that binexp ignores
:   the Configure -Dinstallprefix setting, which in turn means that under
:   relocatable @INC, initialinstalllocation is what binexp started as.
case "$startperl" in
")
case "$sharpbang" in
*)
$cat <<EOH

```

I can use the #! construct to start perl on your system. This will make startup of perl scripts faster, but may cause problems if you want to share those scripts and perl is not in a standard place (\$initialinstalllocation/perl) on all your platforms. The alternative is to force a shell by starting the script with a single ':' character.

```

EOH
case "$versiononly" in
"$define") dflt="$initialinstalllocation/perl$version";;
*)        dflt="$initialinstalllocation/perl";;
esac
rp='What shall I put after the #! to start up perl ("none" to not use #!)?'
./myread
case "$ans" in
none) startperl=": # use perl";;
*) startperl="#!$ans"
if $test 30 -lt `echo "$ans" | wc -c`; then
$cat >&4 <<EOM

```

WARNING: Some systems limit the #! command to 32 characters.  
If you experience difficulty running Perl scripts with #!, try installing Perl in a directory with a shorter pathname.

```

EOM
fi ;;
esac
;;
*) startperl=": # use perl"
;;
esac
;;
esac
echo "I'll use $startperl to start perl scripts."

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/startperl.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:gidformat: gidsize gidsign ivsize uvsize longsize intsize shortsize \
ivdformat uvuformat test echo
?MAKE: -pick add $@ %<
?S:gidformat:
?S: This variable contains the format string used for printing a Gid_t.
?S:.
?C:Gid_t_f:
?C: This symbol defines the format string used for printing a Gid_t.
?C:.
?H:#define Gid_t_f $gidformat /**/
?H:.
: Check format string for GID
```

```
echo " "
$echo "Checking the format string to be used for gids..." >&4
```

```
case "$gidsign" in
-1) if $test X"$gidsize" = X"$ivsize"; then
    gidformat="$ivdformat"
    else
    if $test X"$gidsize" = X"$longsize"; then
        gidformat="ld"
    else
    if $test X"$gidsize" = X"$intsize"; then
        gidformat="d"
    else
    if $test X"$gidsize" = X"$shortsize"; then
        gidformat="hd"
    fi
    fi
    fi
    fi
;;
*) if $test X"$gidsize" = X"$uvsize"; then
    gidformat="$uvuformat"
    else
    if $test X"$gidsize" = X"$longsize"; then
        gidformat="lu"
    else
```



```

if $test X"$gidsize" = X"$sintsize"; then
  gidformat="u"
else
  if $test X"$gidsize" = X"$shortsize"; then
    gidformat="hu"
  fi
fi
fi
fi
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidf.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999-2016 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

```

?MAKE:d_PRIfldbl sPRIfldbl d_PRIgldbl d_PRIFUldbl sPRIGUldbl d_PRIEUldbl \
sPRIgldbl d_PRIldbl sPRIldbl sPRIFUldbl d_PRIGUldbl sPRIEUldbl \
d_SCNfldbl d_double_style_vax d_double_style_ieee \
d_double_style_ibm d_double_style_cray d_double_has_subnormals \
d_double_has_inf d_double_has_nan d_double_has_negative_zero \
sSCNfldbl doublekind: \
d_longdbl longdblsize doublesize uselongdouble test echo cat rm_try \
Setvar Compile run i_stdlib osname gccversion cflags

```

?MAKE: -pick add \$@ %<

?S:doublekind:

?S: This variable, if defined, encodes the type of a double:

?S: 1 = IEEE 754 32-bit little endian,

?S: 2 = IEEE 754 32-bit big endian,

?S: 3 = IEEE 754 64-bit little endian,

?S: 4 = IEEE 754 64-bit big endian,

?S: 5 = IEEE 754 128-bit little endian,

?S: 6 = IEEE 754 128-bit big endian,

?S: 7 = IEEE 754 64-bit mixed endian le-be,

?S: 8 = IEEE 754 64-bit mixed endian be-le,

?S: 9 = VAX 32bit little endian F float format

?S: 10 = VAX 64bit little endian D float format

?S: 11 = VAX 64bit little endian G float format

?S: 12 = IBM 32bit format

?S: 13 = IBM 64bit format

?S: 14 = Cray 64bit format

?S: -1 = unknown format.

?S:.

?S:d\_PRIfldbl:

?S: This variable conditionally defines the PERL\_PRIfldbl symbol, which

?S: indicates that stdio has a symbol to print long doubles.

?S:.

?S:d\_PRIgldbl:

?S: This variable conditionally defines the PERL\_PRIfldbl symbol, which

?S: indicates that stdio has a symbol to print long doubles.

?S:.

?S:d\_PRIeldbl:

?S: This variable conditionally defines the PERL\_PRIfldbl symbol, which

?S: indicates that stdio has a symbol to print long doubles.

?S:.

?S:d\_PRIFUldbl:

?S: This variable conditionally defines the PERL\_PRIfldbl symbol, which

?S: indicates that stdio has a symbol to print long doubles.

?S: The 'U' in the name is to separate this from d\_PRIfldbl so that even

?S: case-blind systems can see the difference.

?S:.

?S:d\_PRIGUldbl:

?S: This variable conditionally defines the PERL\_PRIfldbl symbol, which

?S: indicates that stdio has a symbol to print long doubles.

?S: The 'U' in the name is to separate this from d\_PRIgldbl so that even

?S: case-blind systems can see the difference.

?S:.

?S:d\_PRIEUldbl:

?S: This variable conditionally defines the PERL\_PRIfldbl symbol, which

?S: indicates that stdio has a symbol to print long doubles.

?S: The 'U' in the name is to separate this from d\_PRIeldbl so that even

?S: case-blind systems can see the difference.

?S:.

?S:d\_SCNfldbl:

?S: This variable conditionally defines the PERL\_PRIfldbl symbol, which

?S: indicates that stdio has a symbol to scan long doubles.

?S:.

?S:sPRIfldbl:

?S: This variable, if defined, contains the string used by stdio to

?S: format long doubles (format 'f') for output.

?S:.

?S:sPRIgldbl:

?S: This variable, if defined, contains the string used by stdio to

?S: format long doubles (format 'g') for output.

?S:.

?S:sPRIeldbl:

?S: This variable, if defined, contains the string used by stdio to

?S: format long doubles (format 'e') for output.

?S:.

?S:sPRIFUdbl:

?S: This variable, if defined, contains the string used by stdio to

?S: format long doubles (format 'F') for output.

?S: The 'U' in the name is to separate this from sPRIfdbl so that even

?S: case-blind systems can see the difference.

?S:.

?S:sPRIGUdbl:

?S: This variable, if defined, contains the string used by stdio to

?S: format long doubles (format 'G') for output.

?S: The 'U' in the name is to separate this from sPRIGdbl so that even

?S: case-blind systems can see the difference.

?S:.

?S:sPRIEUdbl:

?S: This variable, if defined, contains the string used by stdio to

?S: format long doubles (format 'E') for output.

?S: The 'U' in the name is to separate this from sPRIEdbl so that even

?S: case-blind systems can see the difference.

?S:.

?S:sSCNfdbl:

?S: This variable, if defined, contains the string used by stdio to

?S: format long doubles (format 'f') for input.

?S:.

?S:d\_double\_has\_inf:

?S: This variable conditionally defines the symbol DOUBLE\_HAS\_INF

?S: which indicates that the double type has an infinity.

?S:.

?S:d\_double\_has\_nan:

?S: This variable conditionally defines the symbol DOUBLE\_HAS\_NAN

?S: which indicates that the double type has a not-a-number.

?S:.

?S:d\_double\_has\_negative\_zero:

?S: This variable conditionally defines the symbol DOUBLE\_HAS\_NEGATIVE\_ZERO

?S: which indicates that the double type has a negative zero.

?S:.

?S:d\_double\_has\_subnormals:

?S: This variable conditionally defines the symbol DOUBLE\_HAS\_SUBNORMALS

?S: which indicates that the double type has subnormals (denormals).

?S:.

?S:d\_double\_style\_cray:

?S: This variable conditionally defines the symbol DOUBLE\_STYLE\_CRAY

?S: which indicates that the double is the 64-bit CRAY mainframe format.

?S:.

?S:d\_double\_style\_ibm:

?S: This variable conditionally defines the symbol DOUBLE\_STYLE\_IBM,

?S: which indicates that the double is the 64-bit IBM mainframe format.

?S:.

?S:d\_double\_style\_ieee:

?S: This variable conditionally defines the symbol `DOUBLE_STYLE_IEEE`,

?S: which indicates that the double is the 64-bit IEEE 754.

?S:.

?S:`d_double_style_vax`:

?S: This variable conditionally defines the symbol `DOUBLE_STYLE_VAX`,

?S: which indicates that the double is the 64-bit VAX format D or G.

?S:.

?C:`PERL_PRIldbl`:

?C: This symbol, if defined, contains the string used by `stdio` to

?C: format long doubles (format 'f') for output.

?C:.

?C:`PERL_PRIgdbl`:

?C: This symbol, if defined, contains the string used by `stdio` to

?C: format long doubles (format 'g') for output.

?C:.

?C:`PERL_PRIeldbl`:

?C: This symbol, if defined, contains the string used by `stdio` to

?C: format long doubles (format 'e') for output.

?C:.

?C:`PERL_PRIFdbl`:

?C: This symbol, if defined, contains the string used by `stdio` to

?C: format long doubles (format 'f') for output.

?C:.

?C:`PERL_PRIGdbl`:

?C: This symbol, if defined, contains the string used by `stdio` to

?C: format long doubles (format 'g') for output.

?C:.

?C:`PERL_PRIeldbl`:

?C: This symbol, if defined, contains the string used by `stdio` to

?C: format long doubles (format 'e') for output.

?C:.

?C:`PERL_SCNfdbl`:

?C: This symbol, if defined, contains the string used by `stdio` to

?C: format long doubles (format 'f') for input.

?C:.

?C:`DOUBLEKIND`:

?C: `DOUBLEKIND` will be one of

?C: `DOUBLE_IS_IEEE_754_32_BIT_LITTLE_ENDIAN`

?C: `DOUBLE_IS_IEEE_754_32_BIT_BIG_ENDIAN`

?C: `DOUBLE_IS_IEEE_754_64_BIT_LITTLE_ENDIAN`

?C: `DOUBLE_IS_IEEE_754_64_BIT_BIG_ENDIAN`

?C: `DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN`

?C: `DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN`

?C: `DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_LE_BE`

?C: `DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_BE_LE`

?C: `DOUBLE_IS_VAX_F_FLOAT`

?C: `DOUBLE_IS_VAX_D_FLOAT`

?C: `DOUBLE_IS_VAX_G_FLOAT`

?C: DOUBLE\_IS\_IBM\_SINGLE\_32\_BIT  
?C: DOUBLE\_IS\_IBM\_DOUBLE\_64\_BIT  
?C: DOUBLE\_IS\_CRAY\_SINGLE\_64\_BIT  
?C: DOUBLE\_IS\_UNKNOWN\_FORMAT  
?C:.  
?C:DOUBLE\_HAS\_INF:  
?C: This symbol, if defined, indicates that the double has  
?C: the infinity.  
?C:.  
?C:DOUBLE\_HAS\_NAN:  
?C: This symbol, if defined, indicates that the double has  
?C: the not-a-number.  
?C:.  
?C:DOUBLE\_HAS\_NEGATIVE\_ZERO:  
?C: This symbol, if defined, indicates that the double has  
?C: the negative\_zero.  
?C:.  
?C:DOUBLE\_HAS\_SUBNORMALS:  
?C: This symbol, if defined, indicates that the double has  
?C: the subnormals (denormals).  
?C:.  
?C:DOUBLE\_STYLE\_CRAY:  
?C: This symbol, if defined, indicates that the double is  
?C: the 64-bit CRAY mainframe format.  
?C:.  
?C:DOUBLE\_STYLE\_IBM:  
?C: This symbol, if defined, indicates that the double is  
?C: the 64-bit IBM mainframe format.  
?C:.  
?C:DOUBLE\_STYLE\_IEEE:  
?C: This symbol, if defined, indicates that the double is  
?C: the 64-bit IEEE 754.  
?C:.  
?C:DOUBLE\_STYLE\_VAX:  
?C: This symbol, if defined, indicates that the double is  
?C: the 64-bit VAX format D or G.  
?C:.  
?LINT:known DOUBLE\_IS\_IEEE\_754\_32\_BIT\_LITTLE\_ENDIAN  
?LINT:known DOUBLE\_IS\_IEEE\_754\_32\_BIT\_BIG\_ENDIAN  
?LINT:known DOUBLE\_IS\_IEEE\_754\_64\_BIT\_LITTLE\_ENDIAN  
?LINT:known DOUBLE\_IS\_IEEE\_754\_64\_BIT\_BIG\_ENDIAN  
?LINT:known DOUBLE\_IS\_IEEE\_754\_128\_BIT\_LITTLE\_ENDIAN  
?LINT:known DOUBLE\_IS\_IEEE\_754\_128\_BIT\_BIG\_ENDIAN  
?LINT:known DOUBLE\_IS\_IEEE\_754\_64\_BIT\_MIXED\_ENDIAN\_LE\_BE  
?LINT:known DOUBLE\_IS\_IEEE\_754\_64\_BIT\_MIXED\_ENDIAN\_BE\_LE  
?LINT:known DOUBLE\_IS\_VAX\_F\_FLOAT  
?LINT:known DOUBLE\_IS\_VAX\_D\_FLOAT  
?LINT:known DOUBLE\_IS\_VAX\_G\_FLOAT

```

?LINT:known DOUBLE_IS_IBM_SINGLE_32_BIT
?LINT:known DOUBLE_IS_IBM_DOUBLE_64_BIT
?LINT:known DOUBLE_IS_CRAY_SINGLE_64_BIT
?LINT:known DOUBLE_IS_UNKNOWN_FORMAT
?H:#define DOUBLEKIND $doublekind /**/
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_32_BIT_LITTLE_ENDIAN 1
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_32_BIT_BIG_ENDIAN 2
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_LITTLE_ENDIAN 3
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_BIG_ENDIAN 4
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN 5
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN 6
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_LE_BE 7
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_BE_LE 8
?H:?DOUBLEKIND:#define DOUBLE_IS_VAX_F_FLOAT 9
?H:?DOUBLEKIND:#define DOUBLE_IS_VAX_D_FLOAT 10
?H:?DOUBLEKIND:#define DOUBLE_IS_VAX_G_FLOAT 11
?H:?DOUBLEKIND:#define DOUBLE_IS_IBM_SINGLE_32_BIT 12
?H:?DOUBLEKIND:#define DOUBLE_IS_IBM_DOUBLE_64_BIT 13
?H:?DOUBLEKIND:#define DOUBLE_IS_CRAY_SINGLE_64_BIT 14
?H:?DOUBLEKIND:#define DOUBLE_IS_UNKNOWN_FORMAT -1
?H:#$d_PRIfldbl PERL_PRIfldbl $sPRIfldbl /**/
?H:#$d_PRIgldbl PERL_PRIgldbl $sPRIgldbl /**/
?H:#$d_PRIldbl PERL_PRIldbl $sPRIldbl /**/
?H:#$d_PRIFUldbl PERL_PRIFldbl $sPRIFUldbl /**/
?H:#$d_PRIGUldbl PERL_PRIGldbl $sPRIGUldbl /**/
?H:#$d_PRIEUldbl PERL_PRIEldbl $sPRIEUldbl /**/
?H:#$d_SCNfldbl PERL_SCNfldbl $sSCNfldbl /**/
?H:#$d_double_has_inf DOUBLE_HAS_INF
?H:#$d_double_has_nan DOUBLE_HAS_NAN
?H:#$d_double_has_negative_zero DOUBLE_HAS_NEGATIVE_ZERO
?H:#$d_double_has_subnormals DOUBLE_HAS_SUBNORMALS
?H:#$d_double_style_cray DOUBLE_STYLE_CRAY
?H:#$d_double_style_ibm DOUBLE_STYLE_IBM
?H:#$d_double_style_ieee DOUBLE_STYLE_IEEE
?H:#$d_double_style_vax DOUBLE_STYLE_VAX
?H:.
?T:yyy message saveccflags
?F:!try
?LINT:change ccflags
?LINT:change uselongdouble
: Check what kind of doubles your system has
$echo "Checking the kind of doubles you have..." >&4
$cat >try.c <<EOP
#$i_stdlib I_STDLIB
#define DOUBLESIZE $doublesize
#ifdef I_STDLIB
#include <stdlib.h>
#endif

```

```

#include <stdio.h>
static const double d = -0.1;
int main() {
    unsigned const char* b = (unsigned const char*)&d;
    #if DOUBLESIZE == 4
    if (b[0] == 0xCD && b[3] == 0xBD) {
        /* IEEE 754 32-bit little-endian */
        printf("1\n");
        exit(0);
    }
    if (b[0] == 0xBD && b[3] == 0xCD) {
        /* IEEE 754 32-bit big-endian */
        printf("2\n");
        exit(0);
    }
    if (b[0] == 0xCC && b[3] == 0xCC) {
        /* VAX format F, 32-bit PDP-style mixed endian. */
        printf("9\n");
        exit(0);
    }
    if (b[0] == 0xC0 && b[3] == 0x9A) {
        /* IBM single 32-bit */
        printf("12\n");
        exit(0);
    }
    #endif
    #if DOUBLESIZE == 8
    if (b[0] == 0x9A && b[7] == 0xBF) {
        /* IEEE 754 64-bit little-endian */
        printf("3\n");
        exit(0);
    }
    if (b[0] == 0xBF && b[7] == 0x9A) {
        /* IEEE 754 64-bit big-endian */
        printf("4\n");
        exit(0);
    }
    if (b[0] == 0x99 && b[3] == 0xBF && b[4] == 0x9A && b[7] == 0x99) {
        /* ARM mixed endian: two little-endian 32-bit floats, in big endian order:
        * 4 5 6 7 0 1 2 3 (MSB = 7, LSB = 0)
        * 99 99 b9 bf 9a 99 99 99 */
        printf("7\n");
        exit(0);
    }
    if (b[0] == 0x99 && b[3] == 0x9A && b[4] == 0xBF && b[7] == 0x99) {
        /* The opposite of case 7, mixed endian: two big-endian 32-bit floats,
        * in little endian order: 3 2 1 0 7 6 5 4 (MSB = 7, LSB = 0)
        * 99 99 99 9a bf b9 99 99 */

```

```

printf("8\n");
exit(0);
}
if (b[0] == 0xCC && b[7] == 0xCC) {
/* VAX format D, 64-bit PDP-style mixed endian. */
printf("10\n");
exit(0);
}
if (b[0] == 0xD9 && b[7] == 0x99) {
/* VAX format G, 64-bit PDP-style mixed endian. */
printf("11\n");
exit(0);
}
if (b[0] == 0xC0 && b[7] == 0x9A) {
/* IBM double 64-bit */
printf("13\n");
exit(0);
}
if (b[0] == 0xBF && b[7] == 0xCD) {
/* CRAY single 64-bit */
printf("14\n");
exit(0);
}
#endif
#if DOUBLESIZE == 16
if (b[0] == 0x9A && b[15] == 0xBF) {
/* IEEE 754 128-bit little-endian */
printf("5\n");
exit(0);
}
if (b[0] == 0xBF && b[15] == 0x9A) {
/* IEEE 754 128-bit big-endian */
printf("6\n");
exit(0);
}
#endif
/* Then there are old mainframe/miniframe formats like IBM and CRAY.
* Whether those environments can still build Perl is debatable. */
printf("-1\n"); /* unknown */
exit(0);
}
EOP
set try
if eval $compile; then
doublekind=`$run ./try`
else
doublekind=-1
fi

```



```

case "$doublekind" in
1) echo "You have IEEE 754 32-bit little endian doubles." >&4 ;;
2) echo "You have IEEE 754 32-bit big endian doubles." >&4 ;;
3) echo "You have IEEE 754 64-bit little endian doubles." >&4 ;;
4) echo "You have IEEE 754 64-bit big endian doubles." >&4 ;;
5) echo "You have IEEE 754 128-bit little endian doubles." >&4 ;;
6) echo "You have IEEE 754 128-bit big endian doubles." >&4 ;;
7) echo "You have IEEE 754 64-bit mixed endian doubles (32-bit LEs in BE)." >&4 ;;
8) echo "You have IEEE 754 64-bit mixed endian doubles (32-bit BEs in LE)." >&4 ;;
9) echo "You have VAX format F 32-bit PDP-style mixed endian doubles." >&4 ;;
10) echo "You have VAX format D 64-bit PDP-style mixed endian doubles." >&4 ;;
11) echo "You have VAX format G 64-bit PDP-style mixed endian doubles." >&4 ;;
12) echo "You have IBM short 32-bit doubles." >&4 ;;
13) echo "You have IBM long 64-bit doubles." >&4 ;;
14) echo "You have Cray single 64-bit doubles." >&4 ;;
*) echo "Cannot figure out your double. You Cyber, or something?" >&4 ;;
esac
d_double_style_ieee=$undef
d_double_style_vax=$undef
d_double_style_ibm=$undef
d_double_style_cray=$undef
case "$doublekind" in
1|2|3|4|5|6|7|8) d_double_style_ieee=$define ;;
9|10|11) d_double_style_vax=$define ;;
12|13) d_double_style_ibm=$define ;;
14) d_double_style_cray=$define ;;
esac
case "$d_double_style_ieee" in
$define)
d_double_has_inf=$define
d_double_has_nan=$define
d_double_has_negative_zero=$define
d_double_has_subnormals=$define
;;
*)
d_double_has_inf=$undef
d_double_has_nan=$undef
d_double_has_negative_zero=$undef
d_double_has_subnormals=$undef
;;
esac
$rm_try

: Check print/scan long double stuff
echo " "

if $test X"$d_longdbl" = X"$define"; then

```

```
echo "Checking how to print long doubles..." >&4
```

```
if $test X"$sPRIfdbl" = X -a X"$doublesize" = X"$longdblsize"; then
```

```
$cat >try.c <<'EOCP'
```

```
#include <sys/types.h>
```

```
#include <stdio.h>
```

```
int main() {
```

```
double d = 123.456;
```

```
printf("%.3f\n", d);
```

```
}
```

```
EOCP
```

```
set try
```

```
if eval $compile; then
```

```
yyy=`$run ./try`
```

```
case "$yyy" in
```

```
123.456)
```

```
sPRIfdbl="f"; sPRIGdbl="g"; sPRIeldbl="e";
```

```
sPRIFUdbl="F"; sPRIGUdbl="G"; sPRIEUdbl="E";
```

```
echo "We will use %f."
```

```
::
```

```
esac
```

```
fi
```

```
fi
```

```
if $test X"$sPRIfdbl" = X; then
```

```
$cat >try.c <<'EOCP'
```

```
#include <sys/types.h>
```

```
#include <stdio.h>
```

```
int main() {
```

```
long double d = 123.456;
```

```
printf("%.3Lf\n", d);
```

```
}
```

```
EOCP
```

```
set try
```

```
if eval $compile; then
```

```
yyy=`$run ./try`
```

```
case "$yyy" in
```

```
123.456)
```

```
sPRIfdbl="Lf"; sPRIGdbl="Lg"; sPRIeldbl="Le";
```

```
sPRIFUdbl="LF"; sPRIGUdbl="LG"; sPRIEUdbl="LE";
```

```
echo "We will use %Lf."
```

```
::
```

```
esac
```

```
fi
```

```
fi
```

```
if $test X"$sPRIfdbl" = X; then
```

```
$cat >try.c <<'EOCP'
```

```

#include <sys/types.h>
#include <stdio.h>
int main() {
    long double d = 123.456;
    printf("%.3lf\n", d);
}
EOCP
set try
if eval $compile; then
    yyy=`$run ./try`
    case "$yyy" in
        123.456)
            sPRIfdbl="lf"; sPRIGldbl="lg"; sPRIeldbl="le";
            sPRIFUdbl="lF"; sPRIGUdbl="lG"; sPRIEUdbl="lE";
            echo "We will use %lf."
            ;;
        esac
    fi
fi

if $test X"$sPRIfdbl" = X; then
    $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
    long double d = 123.456;
    printf("%.3lf\n", d);
}
EOCP
set try
if eval $compile; then
    yyy=`$run ./try`
    case "$yyy" in
        123.456)
            sPRIfdbl="lf"; sPRIGldbl="lg"; sPRIeldbl="le";
            sPRIFUdbl="lF"; sPRIGUdbl="lG"; sPRIEUdbl="lE";
            echo "We will use %lf."
            ;;
        esac
    fi
fi

if $test X"$sPRIfdbl" = X; then
    echo "Cannot figure out how to print long doubles." >&4
else
    sSCNfdbl=$sPRIfdbl # expect consistency
fi

```

\$rm\_try

fi # d\_longdbl

```
case "$sPRIfldbl" in
) d_PRIfldbl="$undef"; d_PRIGldbl="$undef"; d_PRIeldbl="$undef";
d_PRIFUldbl="$undef"; d_PRIGUldbl="$undef"; d_PRIEUldbl="$undef";
d_SCNfldbl="$undef";
;;
*) d_PRIfldbl="$define"; d_PRIGldbl="$define"; d_PRIeldbl="$define";
d_PRIFUldbl="$define"; d_PRIGUldbl="$define"; d_PRIEUldbl="$define";
d_SCNfldbl="$define";
;;
esac
```

: Before committing on uselongdouble, see whether that looks sane.

```
if $test "$uselongdouble" = "$define"; then
```

```
    message=""
```

```
    echo " "
```

```
    echo "Checking if your long double math functions work right..." >&4
```

```
    $cat > try.c <<EOF
```

```
#include <math.h>
```

```
#include <stdio.h>
```

```
int main() {
```

```
    printf("%" $sPRIGldbl "\n", sqrtl(logl(expl(cosl(sinl(0.0L))))+powl(2.0L, 3.0L)));
```

```
}
```

```
EOF
```

```
    case "$osname:$gccversion" in
```

```
    aix:.) saveccflags="$ccflags"
```

```
    ccflags="$ccflags -qlongdouble" ;; # to avoid core dump
```

```
    esac
```

```
    set try
```

```
    if eval $compile_ok; then
```

```
        yyy=`$run ./try`
```

```
    fi
```

```
    case "$yyy" in
```

```
    3) echo "Your long double math functions are working correctly." >&4 ;;
```

```
    *) echo "Your long double math functions are broken, not using long doubles." >&4
```

```
        uselongdouble=$undef
```

```
        ;;
```

```
    esac
```

```
    $rm_try
```

```
    case "$osname:$gccversion" in
```

```
    aix:.) ccflags="$saveccflags" ;; # restore
```

```
    esac
```

```
fi
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/longdblfiio.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:usemorebits: Setvar

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usemorebits:

?S: This variable conditionally defines the USE\_MORE\_BITS symbol,

?S: and indicates that explicit 64-bit interfaces and long doubles

?S: should be used when available.

?S:.

?C:USE\_MORE\_BITS:

?C: This symbol, if defined, indicates that 64-bit interfaces and

?C: long doubles should be used when available.

?C:.

?H:%<:#ifndef USE\_MORE\_BITS

?H:%<:#\$usemorebits USE\_MORE\_BITS /\*\*/

?H:%<:#endif

?H:.

?LINT:extern use64bitint

?LINT:change use64bitint

?LINT:extern uselongdouble

?LINT:change uselongdouble

: Check if morebits is requested

case "\$usemorebits" in

"\$define"|true|[yY]\*)

use64bitint="\$define"

uselongdouble="\$define"

usemorebits="\$define"

::

\*) usemorebits="\$undef"

::

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usemorebits.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: otherlibdirs.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:  
?RCS: Copyright (c) 1999-2000, Andy Dougherty  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: otherlibdirs.U,v \$  
?RCS: Revision 1.1 1999/07/08 18:32:57 doughera  
?RCS: Initial revision  
?RCS:  
?RCS: Revision 1.1 1999/07/08 18:20:26 doughera  
?RCS: Initial revision  
?RCS:  
?RCS:  
?MAKE:otherlibdirs d\_perl\_otherlibdirs: Myread cat sitelib sitearch \  
vendorarch vendorlib Setvar  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:otherlibdirs:  
?S: This variable contains a colon-separated set of paths for the perl  
?S: binary to search for additional library files or modules.  
?S: These directories will be tacked to the end of @INC.  
?S: Perl will automatically search below each path for version-  
?S: and architecture-specific directories. See inc\_version\_list  
?S: for more details.  
?S: A value of ' ' means 'none' and is used to preserve this value  
?S: for the next run through Configure.  
?S:.  
?S:d\_perl\_otherlibdirs:  
?S: This variable conditionally defines PERL\_OTHERLIBDIRS, which  
?S: contains a colon-separated set of paths for the perl binary to  
?S: include in @INC. See also otherlibdirs.  
?S:.  
?C:PERL\_OTHERLIBDIRS:  
?C: This variable contains a colon-separated set of paths for the perl  
?C: binary to search for additional library files or modules.  
?C: These directories will be tacked to the end of @INC.  
?C: Perl will automatically search below each path for version-  
?C: and architecture-specific directories. See PERL\_INC\_VERSION\_LIST  
?C: for more details.  
?C:.  
?H:#\$d\_perl\_otherlibdirs PERL\_OTHERLIBDIRS "\$otherlibdirs" /\*\*/  
?H:.  
?LINT: set d\_perl\_otherlibdirs  
: Final catch-all directories to search

\$cat <<EOM

Lastly, you can have perl look in other directories for extensions and modules in addition to those already specified.

These directories will be searched after

\$sitearch

\$sitelib

EOM

```
test X"$vendorlib" != "X" && echo ' ' $vendorlib
test X"$vendorarch" != "X" && echo ' ' $vendorarch
echo ' '
```

```
case "$otherlibdirs" in
'|' ) dflt='none' ;;
*) dflt="$otherlibdirs" ;;
esac
```

\$cat <<EOM

Enter a colon-separated set of extra paths to include in perl's @INC search path, or enter 'none' for no extra paths.

EOM

rp='Colon-separated list of additional directories for perl to search?'

```
./myread
case "$ans" in
'|'|none) otherlibdirs=' ' ;;
*) otherlibdirs="$ans" ;;
esac
case "$otherlibdirs" in
'|' ) val=$undef ;;
*) val=$define ;;
esac
set d_perl_otherlibdirs
eval $setvar
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/otherlibdirs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getpgid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_getpgid.U,v \$  
?RCS: Revision 3.0.1.1 1997/02/28 15:33:44 ram  
?RCS: patch61: created  
?RCS:  
?MAKE:d\_getpgid: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_getpgid:  
?S: This variable conditionally defines the HAS\_GETPGID symbol, which  
?S: indicates to the C program that the getpgid(pid) function  
?S: is available to get the process group id.  
?S:.  
?C:HAS\_GETPGID:  
?C: This symbol, if defined, indicates to the C program that  
?C: the getpgid(pid) function is available to get the  
?C: process group id.  
?C:.  
?H:#\$d\_getpgid HAS\_GETPGID /\*\*/  
?H:.  
?LINT:set d\_getpgid  
: see if getpgid exists  
set getpgid d\_getpgid  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_getpgid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setnetent\_r.U,v 0RCS:  
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.  
?RCS:  
?MAKE:d\_setnetent\_r setnetent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_netdb extern\_C  
?MAKE: -pick add \$@ %<  
?S:d\_setnetent\_r:  
?S: This variable conditionally defines the HAS\_SETNETENT\_R symbol,  
?S: which indicates to the C program that the setnetent\_r()  
?S: routine is available.  
?S:.  
?S:setnetent\_r\_proto:  
?S: This variable encodes the prototype of setnetent\_r.



?S: It is zero if d\_setnetent\_r is undef, and one of the  
 ?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_setnetent\_r  
 ?S: is defined.  
 ?S:.  
 ?C:HAS\_SETNETENT\_R:  
 ?C: This symbol, if defined, indicates that the setnetent\_r routine  
 ?C: is available to setnetent re-entrantly.  
 ?C:.  
 ?C:SETNETENT\_R\_PROTO:  
 ?C: This symbol encodes the prototype of setnetent\_r.  
 ?C: It is zero if d\_setnetent\_r is undef, and one of the  
 ?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_setnetent\_r  
 ?C: is defined.  
 ?C:.  
 ?H:#\$d\_setnetent\_r HAS\_SETNETENT\_R /\*\*/  
 ?H:#define SETNETENT\_R\_PROTO \$setnetent\_r\_proto /\*\*/  
 ?H:.  
 ?T:try hdrs d\_setnetent\_r\_proto  
 : see if setnetent\_r exists  
 set setnetent\_r d\_setnetent\_r  
 eval \$inlibc  
 case "\$d\_setnetent\_r" in  
 "\$define")  
 hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_netdb netdb.h"  
 case "\$d\_setnetent\_r\_proto:\$usetheads" in  
 ":define") d\_setnetent\_r\_proto=define  
 set d\_setnetent\_r\_proto setnetent\_r \$hdrs  
 eval \$hasproto ;;  
 \*) ;;  
 esac  
 case "\$d\_setnetent\_r\_proto" in  
 define)  
 case "\$setnetent\_r\_proto" in  
 "|0) try='int setnetent\_r(int, struct netent\_data\*);'  
 ./protochk "\$extern\_C \$try" \$hdrs && setnetent\_r\_proto=I\_ID ;;  
 esac  
 case "\$setnetent\_r\_proto" in  
 "|0) try='void setnetent\_r(int, struct netent\_data\*);'  
 ./protochk "\$extern\_C \$try" \$hdrs && setnetent\_r\_proto=V\_ID ;;  
 esac  
 case "\$setnetent\_r\_proto" in  
 "|0) d\_setnetent\_r=undef  
 setnetent\_r\_proto=0  
 echo "Disabling setnetent\_r, cannot determine prototype." >&4 ;;  
 \* ) case "\$setnetent\_r\_proto" in  
 REENTRANT\_PROTO\*) ;;  
 \*) setnetent\_r\_proto="REENTRANT\_PROTO\_\$setnetent\_r\_proto" ;;  
 esac

```

echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo "setnetent_r has no prototype, not using it." >&4 ;;
esac
d_setnetent_r=undef
setnetent_r_proto=0
;;
esac
;;
*) setnetent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setnetent_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorman1dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999, Andy Dougherty

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorman1dir.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?MAKE:vendorman1dir vendorman1direxp installvendorman1dir: man1dir Getfile \

Oldconfig Setprefixvar Prefixit test vendorprefix prefix sed

?MAKE: -pick add \$@ %<

?Y:TOP

?S:vendorman1dir:

?S: This variable contains the name of the directory for man1

?S: pages. It may have a ~ on the front.

?S: The standard distribution will put nothing in this directory.

?S: Vendors who distribute perl may wish to place their own

?S: man1 pages in this directory with

?S: MakeMaker Makefile.PL INSTALLDIRS=vendor

?S: or equivalent. See INSTALL for details.

?S:.

?S:vendorman1direxp:

?S: This variable is the ~name expanded version of vendorman1dir, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installvendorman1dir="

?S:installvendorman1dir:

?S: This variable is really the same as vendorman1direxp but may differ on

?S: those systems using AFS. For extra portability, only this variable

?S: should be used in makefiles.

?S:.

?LINT:change prefixvar

?LINT:set installvendorman1dir

: Set the vendorman1dir variables

case "\$vendorprefix" in

\*) vendorman1dir="

vendorman1direxp="

;;

\*) : determine where vendor-supplied manual pages go.

case "\$vendorman1dir" in

\*) dflt=`echo "\$man1dir" | \$sed "s#^\$prefix#\$vendorprefix#"` ;;

\*) dflt=\$vendorman1dir ;;

esac

case "\$dflt" in

"|" ) dflt=none ;;

esac

fn=nd~+

rp='Pathname for the vendor-supplied manual section 1 pages?'

./getfile

vendorman1dir="\$ans"

vendorman1direxp="\$ansexp"

;;

esac

: Use ' ' for none so value is preserved next time through Configure

\$test X"\$vendorman1dir" = "X" && vendorman1dir=' '

prefixvar=vendorman1dir

./installprefix

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorman1dir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: cppstdin.U,v \$  
?RCS: Revision 3.0.1.4 1994/10/29 16:08:34 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS:  
?RCS: Revision 3.0.1.3 1994/01/24 14:05:38 ram  
?RCS: patch16: comment for CPPLAST was missing  
?RCS:  
?RCS: Revision 3.0.1.2 1993/12/15 08:18:58 ram  
?RCS: patch15: new variables cprun and cpplast, guaranteed wrapper-free  
?RCS: patch15: cppstdin now tries to use cc, even at the cost of a wrapper  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/25 14:00:53 ram  
?RCS: patch6: remove wrapper when not actually used  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:38 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:cppstdin cppminus cprun cpplast: contains test Myread Oldconfig Loc \  
cpp +cc rm hint osname gccversion startsh eunicefix  
?MAKE: -pick add \$@ %<  
?S:cppstdin:  
?S: This variable contains the command which will invoke the C  
?S: preprocessor on standard input and put the output to stdout.  
?S: It is primarily used by other Configure units that ask about  
?S: preprocessor symbols.  
?S:.  
?S:cppminus:  
?S: This variable contains the second part of the string which will invoke  
?S: the C preprocessor on the standard input and produce to standard  
?S: output. This variable will have the value "-" if cppstdin needs  
?S: a minus to specify standard input, otherwise the value is "".  
?S:.  
?S:cprun:  
?S: This variable contains the command which will invoke a C preprocessor  
?S: on standard input and put the output to stdout. It is guaranteed not  
?S: to be a wrapper and may be a null string if no preprocessor can be  
?S: made directly available. This preprocessor might be different from the  
?S: one used by the C compiler. Don't forget to append cpplast after the  
?S: preprocessor options.  
?S:.  
?S:cpplast:  
?S: This variable has the same functionality as cppminus, only it applies to  
?S: cprun and not cppstdin.  
?S:.  
?C:CPPSTDIN:

?C: This symbol contains the first part of the string which will invoke

?C: the C preprocessor on the standard input and produce to standard

?C: output. Typical value of "cc -E" or "/lib/cpp", but it can also

?C: call a wrapper. See CPPRUN.

?C:.

?C:CPPMINUS:

?C: This symbol contains the second part of the string which will invoke

?C: the C preprocessor on the standard input and produce to standard

?C: output. This symbol will have the value "-" if CPPSTDIN needs a minus

?C: to specify standard input, otherwise the value is "".

?C:.

?C:CPPRUN:

?C: This symbol contains the string which will invoke a C preprocessor on

?C: the standard input and produce to standard output. It needs to end

?C: with CPPLAST, after all other preprocessor flags have been specified.

?C: The main difference with CPPSTDIN is that this program will never be a

?C: pointer to a shell wrapper, i.e. it will be empty if no preprocessor is

?C: available directly to the user. Note that it may well be different from

?C: the preprocessor used to compile the C program.

?C:.

?C:CPPLAST:

?C: This symbol is intended to be used along with CPPRUN in the same manner

?C: symbol CPPMINUS is used with CPPSTDIN. It contains either "-" or "".

?C:.

```
?H:#define CPPSTDIN "$cppstdin"
```

```
?H:#define CPPMINUS "$cppminus"
```

```
?H:#define CPPRUN "$cprun"
```

```
?H:#define CPPLAST "$cpplast"
```

?H:.

```
?F:cppstdin !testcpp.out !testcpp.c
```

```
?T:wrapper x_cpp x_minus ok
```

```
: see how we invoke the C preprocessor
```

```
echo " "
```

```
echo "Now, how can we feed standard input to your C preprocessor..." >&4
```

```
cat <<'EOT' >testcpp.c
```

```
#define ABC abc
```

```
#define XYZ xyz
```

```
ABC.XYZ
```

```
EOT
```

```
cd ..
```

```
if $test ! -f cppstdin; then
```

```
  echo "$startsh" >cppstdin
```

```
if $test "X$osname" = "Xaix" -a "X$gccversion" = X; then
```

```
?X: AIX cc -E doesn't show the absolute headerfile
```

```
?X: locations but we'll cheat by using the -M flag.
```

```
echo 'cat >.$$.c; rm -f .$$.u; ""$cc"" ${1+"$@"} -M -c .$$.c 2>/dev/null; \
```

```
test -s .$$.u && \
```

```
awk """"$2 ~ /\.h$/ { print "# 0 \\""$2\\""" }"""" .$$.u; \
```

```

rm -f .$.o .$.u; ""$cc" -E ${1+"$@"} .$.c; rm .$.c' >> cppstdin
else
echo 'cat >$.c; ""$cc" -E ${1+"$@"} .$.c; rm .$.c' >>cppstdin
fi; else
echo "Keeping your $hint cppstdin wrapper."
fi
chmod 755 cppstdin
$unicefix cppstdin
wrapper=`pwd`/cppstdin
ok='false'
cd UU

?X:
?X: We'll run the cpp tests again if we don't have any valid C preprocessor
?X: yet or don't know how to proceed without a wrapper (in which case cprun
?X: is empty and that's really annoying...)
?X:
if $test "X$cppstdin" != "X" && \
  $cppstdin $cppminus <testcpp.c >testcpp.out 2>&1 && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
then
echo "You used to use $cppstdin $cppminus so we'll use that again."
case "$cprun" in
") echo "But let's see if we can live without a wrapper..." ;;
*)
if $cprun $cpplast <testcpp.c >testcpp.out 2>&1 && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
then
echo "(And we'll use $cprun $cpplast to preprocess directly.)"
ok='true'
else
echo "(However, $cprun $cpplast does not work, let's see...)"
fi
;;
esac
else
case "$cppstdin" in
") ;;
*)
echo "Good old $cppstdin $cppminus does not seem to be of any help..."
;;
esac
fi

if $ok; then
: nothing
elif echo 'Maybe ""$cc" -E" will work...'; \
  $cc -E <testcpp.c >testcpp.out 2>&1; \

```

```

$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "Yup, it does."
x_cpp="$cc -E"
x_minus="";
elif echo 'Nope...maybe ""$cc" -E -" will work...'; \
$cc -E - <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "Yup, it does."
x_cpp="$cc -E"
x_minus='-';
elif echo 'Nope...maybe ""$cc" -P" will work...'; \
$cc -P <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "Yipee, that works!"
x_cpp="$cc -P"
x_minus="";
elif echo 'Nope...maybe ""$cc" -P -" will work...'; \
$cc -P - <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "At long last!"
x_cpp="$cc -P"
x_minus='-';
elif echo 'No such luck, maybe "$cpp" will work...'; \
$cpp <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "It works!"
x_cpp="$cpp"
x_minus="";
elif echo 'Nixed again...maybe "$cpp" -" will work...'; \
$cpp - <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "Hooray, it works! I was beginning to wonder."
x_cpp="$cpp"
x_minus='-';
elif echo 'Uh-uh. Time to get fancy. Trying a wrapper...'; \
$wrapper <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
x_cpp="$wrapper"
x_minus=""
echo "Eureka!"
else
dflt=""
rp="No dice. I can't find a C preprocessor. Name one:"
./myread
x_cpp="$ans"
x_minus=""
$x_cpp <testcpp.c >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then

```

```

    echo "OK, that will do." >&4
else
echo "Sorry, I can't get that to work. Go find one and rerun Configure." >&4
    exit 1
fi
fi

case "$ok" in
false)
    cppstdin="$x_cpp"
    cppminus="$x_minus"
    cpprun="$x_cpp"
    cpplast="$x_minus"
?X:
?X: If /lib/cpp is used, try using a wrapper to increase our chances to have
?X: the C compiler and our $cppstdin agree on the same symbols... However,
?X: since cpprun is guaranteed not to be a wrapper, we must clear it if the
?X: only preprocessor we found was a wrapper, with all our luck...
?X:
    set X $x_cpp
    shift
    case "$1" in
"$cpp")
        echo "Perhaps can we force $cc -E using a wrapper..."
        if $wrapper <testcpp.c >testcpp.out 2>&1; \
            $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
        then
            echo "Yup, we can."
            cppstdin="$wrapper"
            cppminus="";
        else
            echo "Nope, we'll have to live without it..."
        fi
        ;;
    esac
    case "$cpprun" in
"$wrapper")
        cpprun="
cpplast="
        ;;
    esac
    ;;
esac

case "$cppstdin" in
"$wrapper"|"$cppstdin") ;;
*) $rm -f $wrapper;;
esac

```



```
$rm -f testcpp.c testcpp.out
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cppstdin.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: mboxchar.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: mboxchar.U,v $
```

```
?RCS: Revision 3.0.1.2 1995/07/25 14:13:12 ram
```

```
?RCS: patch56: ensure ctrl-A characters are visible in prompt (WED)
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/05/06 15:11:22 ram
```

```
?RCS: patch23: added support for MMDF mailboxes (WED)
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:09:15 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:mboxchar: cat package shsharp Myread Oldconfig
```

```
?MAKE: -pick add $@ %<
```

```
?S:mboxchar:
```

```
?S: This variable contains the eventual value of the MBOXCHAR symbol,
```

```
?S: which is how a C program can identify a file as a mailbox.
```

```
?S:.
```

```
?C:MBOXCHAR:
```

```
?C: This symbol contains a character which will match the beginning
```

```
?C: of a mailbox file.
```

```
?C:.
```

```
?H:#define MBOXCHAR '$mboxchar' /**/
```

```
?H:.
```

```
?T:CTRLA
```

```
?INIT:CTRLA=`echo a | tr a '\001`
```

```
: determine how to determine when a file is a mailbox
```

```
case "$mboxchar" in
```

```
) dflt=F;;
```

```
?X: The following ^A is two-chars to ensure it will print out -- WED
```

```
"$CTRLA") dflt='^A';;
```

```
*) dflt="$mboxchar";;
```

```
esac
```

\$cat <<EOM

In saving articles, \$package wants to differentiate between saving to mailbox format files and normal files. It does this by examining the first character of the file in question. On most systems the first line starts with "From ...", so the first character is an F. Other systems use magic cookies like control codes between articles, so one of those would be first. For example, MMDF messages are separated with lines of four control-A's (you may specify one as ^A, i.e. caret A).

EOM

```
rp="What's the first character of a mailbox file?"
./myread
mboxchar="$ans"
case "$mboxchar" in
F) ;;
"$CTRLA") ;;
'^A'|'^a') mboxchar="$CTRLA";;
*) cat <<'EOM'
```

You will need to edit the shell script mbox.saver to properly append an article to a mailbox. The arguments to the script are documented in

EOM

```
case "$shsharp" in
false) echo "comments in mbox.saver.std.";
true) echo "comments in the shell script itself.";
esac
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mboxchar.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorbin.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999, Andy Dougherty

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorbin.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

```

?MAKE:d_vendorbin vendorbin vendorbinexp installvendorbin: Getfile \
  Setprefixvar Oldconfig Prefixit vendorprefix
?MAKE: -pick add $@ %<
?Y:TOP
?S:vendorbin:
?S: This variable contains the eventual value of the VENDORBIN symbol.
?S: It may have a ~ on the front.
?S: The standard distribution will put nothing in this directory.
?S: Vendors who distribute perl may wish to place additional
?S: binaries in this directory with
?S: MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent. See INSTALL for details.
?S:.
?S:vendorbinexp:
?S: This variable is the ~name expanded version of vendorbin, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorbin="
?S:installvendorbin:
?S: This variable is really the same as vendorbinexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?S:d_vendorbin:
?S: This variable conditionally defines PERL_VENDORBIN.
?S:.
?C:PERL_VENDORBIN:
?C: If defined, this symbol contains the name of a directory
?C: for holding vendor-supplied executables.
?C: It may have a ~ on the front.
?C: The standard distribution will put nothing in this directory.
?C: Vendors who distribute perl may wish to place additional
?C: binaries in this directory with
?C: MakeMaker Makefile.PL INSTALLDIRS=vendor
?C: or equivalent. See INSTALL for details.
?C:.
?C:PERL_VENDORBIN_EXP:
?C: This symbol contains the ~name expanded version of VENDORBIN, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#$d_vendorbin PERL_VENDORBIN "$vendorbin" /**/
?H:#$d_vendorbin PERL_VENDORBIN_EXP "$vendorbinexp" /**/
?H:.
?LINT:change prefixvar
?LINT:set installvendorbin
: Set the vendorbin variables
case "$vendorprefix" in
") d_vendorbin="$undef"

```

```

vendorbin=""
vendorbinexp=""
;;
*) d_vendorbin="$define"
: determine where vendor-supplied executables go.
case "$vendorbin" in
") dflt=$vendorprefix/bin ;;
*) dflt="$vendorbin" ;;
esac
fn=d~+
rp='Pathname for the vendor-supplied executables directory?'
./getfile
vendorbin="$ans"
vendorbinexp="$ansexp"
;;
esac
prefixvar=vendorbin
./installprefix

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorbin.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fmax: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fmax:

?S: This variable conditionally defines the HAS\_FMAX symbol, which

?S: indicates to the C program that the fmax() routine is available.

?S:.

?C:HAS\_FMAX:

?C: This symbol, if defined, indicates that the fmax routine is

?C: available to do the maximum function.

?C:.

?H:#\$d\_fmax HAS\_FMAX /\*\*/

?H:.

?LINT:set d\_fmax

: see if fmax exists

set fmax d\_fmax

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fmax.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: so.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 16:30:04 ram
?RCS: patch36: now tells user how he can suppress shared lib lookup (ADO)
?RCS: patch36: removed echo at the top, since it's now in the here-doc (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 07:07:02 ram
?RCS: patch30: created
?RCS:
?X:
?X: This unit computes the shared-object / shared-lib extension
?X:
?MAKE:so: test libpth Loc Myread Oldconfig cat
?MAKE: -pick add $@ %<
?S:so:
?S: This variable holds the extension used to identify shared libraries
?S: (also known as shared objects) on the system. Usually set to 'so'.
?S:.
?T: xxx
: compute shared library extension
case "$so" in
")
if xxx=`./loc libc.sl X $libpth`; $test -f "$xxx"; then
dflt='sl'
else
dflt='so'
fi
;;
*) dflt="$so";;
esac
$cat <<EOM
```

On some systems, shared libraries may be available. Answer 'none' if you want to suppress searching of shared libraries for the remainder of this configuration.

EOM

rp='What is the file extension used for shared libraries?'

./myread

so="\$ans"

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/so.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: afs.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: afs.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:23:06 ram

?RCS: patch61: can now explicitly tell Configure whether AFS is running

?RCS:

?RCS: Revision 3.0.1.1 1993/08/24 12:24:43 ram

?RCS: patch3: created

?RCS:

?MAKE:afs afsroot: test

?MAKE: -pick add \$@ %<

?S:afs:

?S: This variable is set to 'true' if AFS (Andrew File System) is used

?S: on the system, 'false' otherwise. It is possible to override this

?S: with a hint value or command line option, but you'd better know

?S: what you are doing.

?S:.

?S:afsroot:

?S: This variable is by default set to '/afs'. In the unlikely case

?S: this is not the correct root, it is possible to override this with

?S: a hint value or command line option. This will be used in subsequent

?S: tests for AFSness in the configure and test process.

?S:.

: allow them to override the AFS root

case "\$afsroot" in

) afsroot=/afs ;;

\*) afsroot=\$afsroot ;;

esac

: is AFS running?

echo " "

```

case "$afs" in
$define|true) afs=true ;;
$undef|false) afs=false ;;
*) if $test -d $afsroot; then
    afs=true
    else
    afs=false
    fi
;;
esac
if $afs; then
    echo "AFS may be running... I'll be extra cautious then..." >&4
else
    echo "AFS does not seem to be running..." >&4
fi

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/afs.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Setprefixvar.U,v 3.0 2006/04/01 17:25:29 hmbrand $
?RCS:
?RCS: Copyright (c) 2006-2006, H.Merijn Brand & Nicholas Clark
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?X:
?X: This unit sets up the scripts installprefix and setprefixvar, so code
?X: in other parts can be more simple and maintainable
?X:
?MAKE:Setprefixvar: Myread Getfile startsh eunicefix test \
prefix prefixexp installprefix installprefixexp
?MAKE: -pick add $@ %<
?LINT:extern prefixvar
?X: metalint still sees "\${prefixvar}exp`" as variable :(
?T:prefixvarexp
?F:./setprefixvar
?F:./installprefix
: Perform the prefixexp/installprefixexp correction if necessary
cat <<EOS >installprefix
$startsh
EOS

```

```

cat <<'EOSC' >>installprefix
: Change installation prefix, if necessary.
if $test X"$prefix" != X"$installprefix"; then
    eval "install${prefixvar}=\`echo \${${prefixvar}exp | sed \"s#^\${prefixexp#\$installprefixexp#\`\"
else
    eval "install${prefixvar}=\`\"$\${prefixvar}exp\`\"
fi
EOSC
chmod +x installprefix
$unicefix installprefix

```

: Set variables such as privlib and privlibexp from the output of ./getfile  
: performing the prefixexp/installprefixexp correction if necessary.

```

cat <<EOS >setprefixvar
$startsh
EOS
cat <<'EOSC' >>setprefixvar
eval "${prefixvar}=\`\"$ans\`\"
eval "${prefixvar}exp=\`\"$ansexp\`\"
. ./installprefix
EOSC
chmod +x setprefixvar
$unicefix setprefixvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/installdirs/Setprefixvar.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2014 Jarkko Hietaniemi & H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_copysign: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_copysign:

?S: This variable conditionally defines the HAS\_COPYSIGN symbol, which

?S: indicates to the C program that the copysign() routine is available.

?S:.

?C:HAS\_COPYSIGN:

?C: This symbol, if defined, indicates that the copysign routine is

?C: available to do the copysign function.

?C:.

?H:#\$d\_copysign HAS\_COPYSIGN /\*\*/

?H:.



```
?LINT:set d_copysign
: see if copysign exists
set copysign d_copysign
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_copysign.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: uidtype.U,v 3.0.1.3 1994/08/29 16:33:25 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: uidtype.U,v $
?RCS: Revision 3.0.1.3 1994/08/29 16:33:25 ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0.1.2 1994/06/20 07:09:36 ram
?RCS: patch30: comment for uidtype referred to the obsoleted symbol
?RCS:
?RCS: Revision 3.0.1.1 1994/05/13 15:28:27 ram
?RCS: patch27: made conformant to its gidtype.U companion
?RCS: patch27: question now explicitly mentions getuid()
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:56 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:uidtype: Myread Typedef Findhdr
?MAKE: -pick add $@ %<
?S:uidtype:
?S: This variable defines Uid_t to be something like uid_t, int,
?S: ushort, or whatever type is used to declare user ids in the kernel.
?S:.
?C:Uid_t (UIDTYPE):
?C: This symbol holds the type used to declare user ids in the kernel.
?C: It can be int, ushort, uid_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Uid_t $uidtype /* UID type */
?H:.
?T:xxx
```

```

: see what type uids are declared as in the kernel
echo " "
echo "Looking for the type for user ids returned by getuid()."
set uid_t uidtype xxx stdio.h sys/types.h
eval $typedef
case "$uidtype" in
xxx)
xxx=`./findhdr sys/user.h`
set `grep '_ruid;' "$xxx" 2>/dev/null` unsigned short
case $1 in
unsigned) dflt="$1 $2" ;;
*) dflt="$1" ;;
esac
;;
*) dflt="$uidtype";;
esac
case "$uidtype" in
uid_t) echo "uid_t found." ;;
*) rp="What is the type for user ids returned by getuid()?"
./myread
uidtype="$ans"
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidtype.U

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_lround: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_lround:

?S: This variable conditionally defines the HAS\_LROUND symbol, which

?S: indicates to the C program that the lround() routine is available

?S: to return the integral value nearest to x.

?S:.

?C:HAS\_LROUND:

?C: This symbol, if defined, indicates that the lround routine is

?C: available to return the nearest integral value.

?C:.

?H:#\$d\_lround HAS\_LROUND /\*\*/

?H:.

?LINT:set d\_lround

: see if lround exists

set lround d\_lround

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_lround.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2005, H.Merijn Brand

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_malloc\_size d\_malloc\_good\_size: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_malloc\_size:

?S: This symbol, if defined, indicates that the malloc\_size

?S: routine is available for use.

?S:.

?S:d\_malloc\_good\_size:

?S: This symbol, if defined, indicates that the malloc\_good\_size

?S: routine is available for use.

?S:.

?C:HAS\_MALLOC\_SIZE:

?C: This symbol, if defined, indicates that the malloc\_size

?C: routine is available for use.

?C:.

?H:#\$d\_malloc\_size HAS\_MALLOC\_SIZE /\*\*/

?H:.

?C:HAS\_MALLOC\_GOOD\_SIZE:

?C: This symbol, if defined, indicates that the malloc\_good\_size

?C: routine is available for use.

?C:.

?H:#\$d\_malloc\_good\_size HAS\_MALLOC\_GOOD\_SIZE /\*\*/

?H:.

?LINT:set d\_malloc\_size

?LINT:set d\_malloc\_good\_size

: see if malloc\_size exists

set malloc\_size d\_malloc\_size

eval \$inlibc

: see if malloc\_size\_good exists

set malloc\_good\_size d\_malloc\_good\_size

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_malloc\_size.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Guess.U,v 3.0.1.5 1995/07/25 13:37:14 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: Guess.U,v \$

?RCS: Revision 3.0.1.5 1995/07/25 13:37:14 ram

?RCS: patch56: now knows about OS/2 platforms

?RCS:

?RCS: Revision 3.0.1.4 1994/10/29 15:53:55 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS: patch36: call ./xenix explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0.1.3 1993/12/15 08:14:35 ram

?RCS: patch15: variable d\_bsd was not always set properly

?RCS:

?RCS: Revision 3.0.1.2 1993/08/30 08:57:14 ram

?RCS: patch8: fixed comment which wrongly attributed the usrinc symbol

?RCS: patch8: no more ugly messages when no /usr/include/ctype.h

?RCS:

?RCS: Revision 3.0.1.1 1993/08/27 14:37:37 ram

?RCS: patch7: added support for OSF/1 machines

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:57 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit hazards some guesses as to what the general nature of the system

?X: is. The information it collects here is used primarily to establish default

?X: answers to other questions.

?X:

?MAKE:Guess d\_eunice d\_xenix d\_bsd: cat test echo n c contains \  
rm Loc eunicefix tr sysroot

?MAKE: -pick add \$@ %<

?MAKE: -pick add \$@ %<

?S:d\_eunice:

?S: This variable conditionally defines the symbols EUNICE and VAX, which

?S: alerts the C program that it must deal with idiosyncrasies of VMS.

?S:.

?S:d\_xenix:

?S: This variable conditionally defines the symbol XENIX, which alerts  
 ?S: the C program that it runs under Xenix.

?S:.

?S:d\_bsd:

?S: This symbol conditionally defines the symbol BSD when running on a  
 ?S: BSD system.

?S:.

?C:EUNICE:

?C: This symbol, if defined, indicates that the program is being compiled  
 ?C: under the EUNICE package under VMS. The program will need to handle  
 ?C: things like files that don't go away the first time you unlink them,  
 ?C: due to version numbering. It will also need to compensate for lack  
 ?C: of a respectable link() command.

?C:.

?X: Should we define VMS here? Is Eunice actually used anymore?

?X:?C:VMS:

?X:?C: This symbol, if defined, indicates that the program is running under  
 ?X:?C: VMS. It is currently only set in conjunction with the EUNICE symbol.

?X:?C:.

?C:XENIX:

?C: This symbol, if defined, indicates that the program is running under  
 ?C: Xenix (at least 3.0 ?).

?C:.

?X: We don't use BSD in the perl source. It's too vague, and already  
 ?X: defined in some header files anyway (e.g. NetBSD). This just gives  
 ?X: us a spurious redefinition error upon compilation.

?X: --Andy Dougherty Feb 11, 1998

?X: ?C:BSD:

?X: ?C: This symbol, if defined, indicates that the program is running under  
 ?X: ?C: a BSD system.

?X: ?C:.

?H:#\$d\_eunice EUNICE /\*\*/  
 ?X:?H:#\$d\_eunice VMS /\*\*/  
 ?H:#\$d\_xenix XENIX /\*\*/  
 ?X: ?H:#\$d\_bsd BSD /\*\*/  
 ?H:.

?F:./bsd ./usg ./v7 ./osf1 ./eunice ./xenix ./venix ./os2

?T:xxx

: make some quick guesses about what we are up against

echo " "

\$echo \$n "Hmm... \$c"

echo exit 1 >bsd

echo exit 1 >usg

echo exit 1 >v7

echo exit 1 >osf1

echo exit 1 >eunice

```

echo exit 1 >xenix
echo exit 1 >venix
echo exit 1 >os2
d_bsd="$undef"
?X:
?X: Do not use 'usrinc', or we get a circular dependency. because
?X: usrinc is defined in usrinc.U, which relies on us...
?X:
$cat $sysroot/usr/include/signal.h $sysroot/usr/include/sys/signal.h >foo 2>/dev/null
if test -f /osf_boot || $contains 'OSF/1' $sysroot/usr/include/ctype.h >/dev/null 2>&1
then
    echo "Looks kind of like an OSF/1 system, but we'll see..."
    echo exit 0 >osf1
elif test `echo abc | $tr a-z A-Z` = Abc ; then
    xxx=`./loc addbib blurfl $pth`
    if $test -f $xxx; then
        echo "Looks kind of like a USG system with BSD features, but we'll see..."
        echo exit 0 >bsd
        echo exit 0 >usg
    else
        if $contains SIGTSTP foo >/dev/null 2>&1 ; then
            echo "Looks kind of like an extended USG system, but we'll see..."
        else
            echo "Looks kind of like a USG system, but we'll see..."
        fi
        echo exit 0 >usg
    fi
elif $contains SIGTSTP foo >/dev/null 2>&1 ; then
    echo "Looks kind of like a BSD system, but we'll see..."
    d_bsd="$define"
    echo exit 0 >bsd
else
    echo "Looks kind of like a Version 7 system, but we'll see..."
    echo exit 0 >v7
fi
case "$eunicefix" in
*unixtovms*)
    $cat <<'EOI'
    There is, however, a strange, musty smell in the air that reminds me of
    something...hmm...yes...I've got it...there's a VMS nearby, or I'm a Blit.
    EOI
    echo exit 0 >eunice
    d_eunice="$define"
    : it so happens the Eunice I know will not run shell scripts in Unix format
    ;;
*)
    echo " "
    echo "Congratulations. You aren't running Eunice."

```

```

d_eunice="$undef"
;;
esac
: Detect OS2. The p_ variable is set above in the Head.U unit.
: Note that this also -- wrongly -- detects e.g. dos-djgpp, which also uses
: semicolon as a patch separator
case "$p_" in
:) ;;
*)
$cat <<'EOI'
I have the feeling something is not exactly right, however...don't tell me...
lemme think...does HAL ring a bell?...no, of course, you're only running OS/2!
(Or you may be running DOS with DJGPP.)
EOI
echo exit 0 >os2
;;
esac
if test -f /xenix; then
echo "Actually, this looks more like a XENIX system..."
echo exit 0 >xenix
d_xenix="$define"
else
echo " "
echo "It's not Xenix..."
d_xenix="$undef"
fi
chmod +x xenix
$eunicefix xenix
if test -f /venix; then
echo "Actually, this looks more like a VENIX system..."
echo exit 0 >venix
else
echo " "
if ./xenix; then
: null
else
echo "Nor is it Venix..."
fi
fi
chmod +x bsd usg v7 osf1 eunice xenix venix os2
$eunicefix bsd usg v7 osf1 eunice xenix venix os2
$rm -f foo

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Guess.U
```

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```

?RCS: $Id: d_readdir64_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_readdir64_r readdir64_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_dirent extern_C
?MAKE: -pick add $@ %<
?S:d_readdir64_r:
?S: This variable conditionally defines the HAS_READDIR64_R symbol,
?S: which indicates to the C program that the readdir64_r()
?S: routine is available.
?S:.
?S:readdir64_r_proto:
?S: This variable encodes the prototype of readdir64_r.
?S: It is zero if d_readdir64_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_readdir64_r
?S: is defined.
?S:.
?C:HAS_READDIR64_R:
?C: This symbol, if defined, indicates that the readdir64_r routine
?C: is available to readdir64 re-entrantly.
?C:.
?C:READDIR64_R_PROTO:
?C: This symbol encodes the prototype of readdir64_r.
?C: It is zero if d_readdir64_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_readdir64_r
?C: is defined.
?C:.
?H:#$d_readdir64_r HAS_READDIR64_R /**/
?H:#define READDIR64_R_PROTO $readdir64_r_proto /**/
?H:.
?T:try hdrs d_readdir64_r_proto
: see if readdir64_r exists
set readdir64_r d_readdir64_r
eval $inlibc
case "$d_readdir64_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_dirent dirent.h"
case "$d_readdir64_r_proto:$usethreads" in
":define") d_readdir64_r_proto=define
set d_readdir64_r_proto readdir64_r $hdrs
eval $hasproto ;;
*) ;;
esac

```



```

case "$d_readdir64_r_proto" in
define)
case "$readdir64_r_proto" in
"|0) try='int readdir64_r(DIR*, struct dirent64*, struct dirent64**);'
./prochck "$extern_C $try" $hdrs && readdir64_r_proto=I_TSR ;;
esac
case "$readdir64_r_proto" in
"|0) try='int readdir64_r(DIR*, struct dirent64*);'
./prochck "$extern_C $try" $hdrs && readdir64_r_proto=I_TS ;;
esac
case "$readdir64_r_proto" in
"|0) d_readdir64_r=undef
readdir64_r_proto=0
echo "Disabling readdir64_r, cannot determine prototype." >&4 ;;
*) case "$readdir64_r_proto" in
REENTRANT_PROTO*) ;;
*) readdir64_r_proto="REENTRANT_PROTO_$readdir64_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "readdir64_r has no prototype, not using it." >&4 ;;
esac
d_readdir64_r=undef
readdir64_r_proto=0
;;
esac
;;
*) readdir64_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_readdir64\_r.U

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?RCS:

?MAKE:d\_lrintl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_lrintl:

?S: This variable conditionally defines the HAS\_LRINTL symbol, which

?S: indicates to the C program that the lrintl() routine is available

?S: to return the integral value closest to a long double (according

?S: to the current rounding mode).

?S:  
?C:HAS\_LRINTL:  
?C: This symbol, if defined, indicates that the lrintl routine is  
?C: available to return the integral value closest to a long double  
?C: (according to the current rounding mode).  
?C:.  
?H:#\$d\_lrintl HAS\_LRINTL /\*\*/  
?H:.  
?LINT:set d\_lrintl  
: see if lrintl exists  
set lrintl d\_lrintl  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_lrintl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1999 Jarkko Hietaniemi  
?RCS:  
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?RCS: of the source tree for dist 3.0.  
?RCS:  
?MAKE:d\_mprotect: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_mprotect:  
?S: This variable conditionally defines HAS\_MPROTECT if mprotect() is  
?S: available to modify the access protection of a memory mapped file.  
?S:.  
?C:HAS\_MPROTECT:  
?C: This symbol, if defined, indicates that the mprotect system call is  
?C: available to modify the access protection of a memory mapped file.  
?C:.  
?H:#\$d\_mprotect HAS\_MPROTECT /\*\*/  
?H:.  
?LINT:set d\_mprotect  
: see if mprotect exists  
set mprotect d\_mprotect  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_mprotect.U

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```
?RCS: $Id: d_getservbyport_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getservbyport_r getservbyport_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getservbyport_r:
?S: This variable conditionally defines the HAS_GETSERVBYPORTR symbol,
?S: which indicates to the C program that the getservbyport_r()
?S: routine is available.
?S:.
?S:getservbyport_r_proto:
?S: This variable encodes the prototype of getservbyport_r.
?S: It is zero if d_getservbyport_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyport_r
?S: is defined.
?S:.
?C:HAS_GETSERVBYPORTR:
?C: This symbol, if defined, indicates that the getservbyport_r routine
?C: is available to getservbyport re-entrantly.
?C:.
?C:GETSERVBYPORTR_PROTO:
?C: This symbol encodes the prototype of getservbyport_r.
?C: It is zero if d_getservbyport_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyport_r
?C: is defined.
?C:.
?H:#$d_getservbyport_r HAS_GETSERVBYPORTR /**/
?H:#define GETSERVBYPORTR_PROTO $getservbyport_r_proto /**/
?H:.
?T:try hdrs d_getservbyport_r_proto
: see if getservbyport_r exists
set getservbyport_r d_getservbyport_r
eval $inlibc
case "$d_getservbyport_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getservbyport_r_proto:$usethreads" in
":define") d_getservbyport_r_proto=define
set d_getservbyport_r_proto getservbyport_r $hdrs
eval $hasproto ;;
```

```

*) ;;
esac
case "$d_getservbyport_r_proto" in
define)
case "$getservbyport_r_proto" in
"|0) try='int getservbyport_r(int, const char*, struct servent*, char*, size_t, struct servent**);'
./protochk "$extern_C $try" $hdrs && getservbyport_r_proto=I_ICSBWR ;;
esac
case "$getservbyport_r_proto" in
"|0) try='struct servent* getservbyport_r(int, const char*, struct servent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getservbyport_r_proto=S_ICSBW ;;
esac
case "$getservbyport_r_proto" in
"|0) try='int getservbyport_r(int, const char*, struct servent*, struct servent_data*);'
./protochk "$extern_C $try" $hdrs && getservbyport_r_proto=I_ICSD ;;
esac
case "$getservbyport_r_proto" in
"|0) d_getservbyport_r=undef
getservbyport_r_proto=0
echo "Disabling getservbyport_r, cannot determine prototype." >&4 ;;
* ) case "$getservbyport_r_proto" in
REENTRANT_PROTO*) ;;
*) getservbyport_r_proto="REENTRANT_PROTO_$getservbyport_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susethreads" in
define) echo "getservbyport_r has no prototype, not using it." >&4 ;;
esac
d_getservbyport_r=undef
getservbyport_r_proto=0
;;
esac
;;
*) getservbyport_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getservbyport_r.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_semop.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_semop.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:05 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_semop: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_semop:  
?S: This variable conditionally defines the HAS\_SEMOP symbol, which  
?S: indicates to the C program that the semop() routine is available.  
?S:.  
?C:HAS\_SEMOP:  
?C: This symbol, if defined, indicates that the semop() routine is  
?C: available to execute semaphore operations.  
?C:.  
?H:#\$d\_semop HAS\_SEMOP /\*\*/  
?H:.  
?LINT:set d\_semop  
: see if semop exists  
set semop d\_semop  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_semop.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: modetype.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/29 16:25:07 ram  
?RCS: patch36: created by ADO  
?RCS:

```

?MAKE:modetype: Myread Typedef
?MAKE: -pick add $@ %<
?S:modetype:
?S: This variable defines modetype to be something like mode_t,
?S: int, unsigned short, or whatever type is used to declare file
?S: modes for system calls.
?S:.
?C:Mode_t:
?C: This symbol holds the type used to declare file modes
?C: for systems calls. It is usually mode_t, but may be
?C: int or unsigned short. It may be necessary to include <sys/types.h>
?C: to get any typedef'ed information.
?C:.
?H:#define Mode_t $modetype /* file mode parameter for system calls */
?H:.
: see what type is used for mode_t
set mode_t modetype int stdio.h sys/types.h
eval $typedef
dflt="$modetype"
echo " "
rp="What type is used for file modes?"
./myread
modetype="$ans"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/modetype.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_gethent.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_gethent.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_gethent: Inlibc
?MAKE: -pick add $@ %<
?S:d_gethent:
?S: This variable conditionally defines HAS_GETHOSTENT if gethostent() is
?S: available to look up host names in some data base or another.

```

?S:.

?C:HAS\_GETHOSTENT:

?C: This symbol, if defined, indicates that the gethostent() routine is

?C: available to look up host names in some data base or another.

?C:.

?H:#\$d\_gethent HAS\_GETHOSTENT /\*\*/

?H:.

?LINT:set d\_gethent

: see if gethostent exists

set gethostent d\_gethent

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_gethent.U

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?RCS: \$Id: i\_dlfcn.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

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?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: i\_dlfcn.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:21:53 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:i\_dlfcn: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_dlfcn:

?S: This variable conditionally defines the I\_DLFCN symbol, which

?S: indicates to the C program that <dlfcn.h> exists and should

?S: be included.

?S:.

?C:I\_DLFCN:

?C: This symbol, if defined, indicates that <dlfcn.h> exists and should

?C: be included.

?C:.

?H:#\$i\_dlfcn I\_DLFCN /\*\*/

?H:.

?LINT:set i\_dlfcn

: see if dlfcn is available

```
set dlfcn.h i_dlfcn
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_dlfcn.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: etc.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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```
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```

```
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```

```
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: etc.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:07 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:etc etcexp: Getfile Loc Oldconfig
```

```
?MAKE: -pick add $@ %<
```

```
?S:etc:
```

```
?S: This variable holds the name of the directory in which the user wants
```

```
?S: to put "administrative" executable images for the package in question.
```

```
?S: It is most often a local directory such as /usr/local/etc. Programs
```

```
?S: relying on this variable must be prepared to deal with ~name
```

```
?S: substitutions.
```

```
?S:.
```

```
?S:etcexp:
```

```
?S: This is the same as the etc variable, but is filename expanded at
```

```
?S: configuration time, for convenient use in makefiles.
```

```
?S:.
```

```
: determine where administrative executables go
```

```
case "$etc" in
```

```
)
```

```
  dflt=`./loc . /local/etc /usr/local/etc /local/etc /usr/etc /etc`
```

```
  ;;
```

```
*)
```

```
  dflt="$etc"
```

```
  ;;
```

```
esac
```

```
fn=d~
```

```
rp='Where should the administrative executables go?'
```

```
./getfile
```

```
etc="$ans"
```



etcexp="\$sansexp"

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/etc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: perl5.U,v \$

?RCS:

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?RCS:

?RCS: \$Log: perl5.U,v \$

?RCS:

?X:

?X: The purpose of this unit is to locate a previously installed

?X: version of perl5 suitable for running inc\_version\_list.U.

?X: We check for 5.005 and later because inc\_version\_list is

?X: irrelevant for earlier versions.

?X:

?MAKE:perl5: path\_sep binexp test sed exe\_ext

?MAKE: -pick add \$@ %<

?Y:TOP

?S:perl5:

?S: This variable contains the full path (if any) to a previously

?S: installed perl5.005 or later suitable for running the script

?S: to determine inc\_version\_list.

?S:.

?T: tdir

: Find perl5.005 or later.

echo "Looking for a previously installed perl5.005 or later... "

case "\$perl5" in

\*) for tdir in `echo "\$binexp\$path\_sep\$PATH" | \$sed "s/\$path\_sep/ /g"`; do

: Check if this perl is recent and can load a simple module

if \$test -x \$tdir/perl\$exe\_ext && \$tdir/perl -Mless -e 'use 5.005;' >/dev/null 2>&1; then

perl5=\$tdir/perl

break;

elif \$test -x \$tdir/perl5\$exe\_ext && \$tdir/perl5 -Mless -e 'use 5.005;' >/dev/null 2>&1; then

perl5=\$tdir/perl5

break;

fi

done

::

\*) perl5="\$perl5"

::

esac

```
case "$perl5" in
") echo "None found. That's ok.";;
*) echo "Using $perl5." ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/perl5.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_strtold: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strtold:

?S: This variable conditionally defines the HAS\_STRTOLD symbol, which

?S: indicates to the C program that the strtold() routine is available.

?S:.

?C:HAS\_STRTOLD:

?C: This symbol, if defined, indicates that the strtold routine is

?C: available to convert strings to long doubles.

?C:.

?H:#\$d\_strtold HAS\_STRTOLD /\*\*/

?H:.

?LINT:set d\_strtold

: see if strtold exists

set strtold d\_strtold

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtold.U
```

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?RCS: \$Id: d\_tcstpgpr.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_tcsetgrp.U,v \$  
?RCS: Revision 3.0.1.1 1994/08/29 16:12:11 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_tcsetgrp: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_tcsetgrp:  
?S: This variable conditionally defines the HAS\_TCSETPGRP symbol, which  
?S: indicates to the C program that the tcsetgrp() routine is available  
?S: to set foreground process group ID.  
?S:.  
?C:HAS\_TCSETPGRP :  
?C: This symbol, if defined, indicates that the tcsetgrp routine is  
?C: available to set foreground process group ID.  
?C:.  
?H:#\$d\_tcsetgrp HAS\_TCSETPGRP /\*\*/  
?H:.  
?LINT:set d\_tcsetgrp  
: see if tcsetgrp exists  
set tcsetgrp d\_tcsetgrp  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_tcsetgrp.U

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?RCS:

?MAKE:d\_hypot: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_hypot:

?S: This variable conditionally defines HAS\_HYPOT if hypot is available

?S: for numerically stable hypotenuse function.

?S:.

?C:HAS\_HYPOT:

?C: This symbol, if defined, indicates that the hypot routine is

?C: available to do the hypotenuse function.

?C:.

?H:#\$d\_hypot HAS\_HYPOT /\*\*/  
?H:.

?H:.

?LINT:set d\_hypot

: see if hypot exists

set hypot d\_hypot

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_hypot.U

No license file was found, but licenses were detected in source scan.

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?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d\_pipe2: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_pipe2:

?S: This variable conditionally defines the HAS\_PIPE2 symbol, which

?S: indicates to the C program that the pipe2() routine is available

?S: to create an inter-process channel.

?S:.

?C:HAS\_PIPE2:

?C: This symbol, if defined, indicates that the pipe2 routine is

?C: available to create an inter-process channel.

?C:.

?H:#\$d\_pipe2 HAS\_PIPE2 /\*\*/

?H:.

?LINT:set d\_pipe2

: see if pipe2 exists

set pipe2 d\_pipe2

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_pipe2.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2003, Jarkko Hietaniemi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

```
?MAKE:d_thread_attr_setscope: Inlibc
?MAKE: -pick add $@ %<
?S:d_thread_attr_setscope:
?S: This variable conditionally defines HAS_PTHREAD_ATTR_SETSCOPE if
?S: pthread_attr_setscope() is available to set the contention scope
?S: attribute of a thread attribute object.
?S:.
?C:HAS_PTHREAD_ATTR_SETSCOPE:
?C: This symbol, if defined, indicates that the pthread_attr_setscope
?C: system call is available to set the contention scope attribute of
?C: a thread attribute object.
?C:.
?H:#$d_thread_attr_setscope HAS_PTHREAD_ATTR_SETSCOPE /**/
?H:.
?LINT:set d_thread_attr_setscope
: see if pthread_attr_setscope exists
set pthread_attr_setscope d_thread_attr_setscope
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_thread_attr_ss.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:uidformat: uidsize uidsign ivsize uvsize longsize intsize shortsize \
ivdformat uvuformat test echo
?MAKE: -pick add $@ %<
?S:uidformat:
?S: This variable contains the format string used for printing a Uid_t.
?S:.
?C:Uid_t_f:
?C: This symbol defines the format string used for printing a Uid_t.
?C:.
?H:#define Uid_t_f $uidformat /**/
?H:.
: Check format string for UID
echo " "
$echo "Checking the format string to be used for uids..." >&4

case "$uidsign" in
-1) if $test X"$uidsize" = X"$ivsize"; then
```

```

uidformat="$ivdformat"
else
if $test X"$uidsized" = X"$longsize"; then
uidformat="ld"
else
if $test X"$uidsized" = X"$intsize"; then
uidformat="d"
else
if $test X"$uidsized" = X"$shortsize"; then
uidformat="hd"
fi
fi
fi
fi
;;
*) if $test X"$uidsized" = X"$uvsize"; then
uidformat="$uvuformat"
else
if $test X"$uidsized" = X"$longsize"; then
uidformat="lu"
else
if $test X"$uidsized" = X"$intsize"; then
uidformat="u"
else
if $test X"$uidsized" = X"$shortsize"; then
uidformat="hu"
fi
fi
fi
fi
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidf.U

No license file was found, but licenses were detected in source scan.

/\*

\* \$Id: setsid.C,v 3.0.1.1 1994/01/24 13:58:47 ram Exp ram \$

\*

\* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

\*

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\* as specified in the README file that comes with the distribution.

\* You may reuse parts of this distribution only within the terms of

\* that same Artistic Licence; a copy of which may be found at the root

\* of the source tree for dist 4.0.

```
*
* $Log: setsid.C,v $
* Revision 3.0.1.1 1994/01/24 13:58:47 ram
* patch16: created
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/setsid.C
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setsent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
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```

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```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: d_setsent.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_setsent: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_setsent:
```

```
?S: This variable conditionally defines HAS_SETSERVENT if setservernt() is
```

```
?S: available.
```

```
?S:.
```

```
?C:HAS_SETSERVENT:
```

```
?C: This symbol, if defined, indicates that the setservernt() routine is
```

```
?C: available.
```

```
?C:.
```

```
?H:#$d_setsent HAS_SETSERVENT /**/
```

```
?H:.
```

```
?LINT:set d_setsent
```

```
: see if setservernt exists
```

```
set setservernt d_setsent
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setsent.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: libs.U,v \$

?RCS: Revision 3.0.1.6 1997/02/28 16:09:11 ram

?RCS: patch61: replaced .a with \$\_a all over the place

?RCS:

?RCS: Revision 3.0.1.5 1995/07/25 14:12:05 ram

?RCS: patch56: now knows about OS/2 platforms

?RCS:

?RCS: Revision 3.0.1.4 1994/10/29 16:24:22 ram

?RCS: patch36: removed old broken thislib/thatlib processing (ADO)

?RCS:

?RCS: Revision 3.0.1.3 1994/06/20 07:05:44 ram

?RCS: patch30: code cleanup with if/elif by ADO and RAM

?RCS: patch30: undone patch23 for libswanted default setting

?RCS:

?RCS: Revision 3.0.1.2 1994/05/06 15:08:45 ram

?RCS: patch23: now includes ordered default libswanted variable (ADO)

?RCS: patch23: major cleanup for library lookups (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1993/08/25 14:02:31 ram

?RCS: patch6: added default for libs

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:03 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:libs libsfound libsfiles libsdirs libspath libscheck: \  
test cat Myread Oldconfig Loc libpth package xlibpth so \_a \  
+usesocks sed +cc +ccflags +ldflags rm

?MAKE: -pick add \$@ %<

?S:libs:

?S: This variable holds the additional libraries we want to use.

?S: It is up to the Makefile to deal with it. The list can be empty.

?S:.

?S:libsfound:

?S: This variable holds the full pathnames of the libraries

?S: we found and accepted.

?S:.

?S:libsfiles:

?S: This variable holds the filenames aka basenames of the libraries



?S: we found and accepted.

?S:.

?S:libsdirs:

?S: This variable holds the directory names aka dirnames of the libraries

?S: we found and accepted, duplicates are removed.

?S:.

?S:libspath:

?S: This variable holds the directory names probed for libraries.

?S:.

?S:libscheck:

?S: This variable is intended to be set by hint files, if needed.

?S: It should contain shell code that will be eval'ed with \$xxx holding

?S: some library file. It may change \$xxx if needed.

?S: For instance, on an Irix platform, you may make sure the right

?S: library file is used depending on the cc command line, so that the

?S: correct library is used depending on the selected ABI (for 32 and

?S: 64-bit compilations).

?S:

?S: Here is an example of code that could be found in a hint file on Irix

?S: when the selected compiler was for 32-bit -- that code is put in the

?S: cc.cbu call-back unit to be invoked AFTER the C compiler and its

?S: flags have been chosen:

?S:

?S: libscheck='case "\$xxx" in

?S: \*.a) /bin/ar p \$xxx `/bin/ar t \$xxx | sed q` >\$\$;.o;

?S: case "`/usr/bin/file \$\$;.o`" in

?S: \*N32\*) rm -f \$\$;.o ;;

?S: \*) rm -f \$\$;.o; xxx=/no/n32\$xxx ;;

?S: esac ;;

?S: \*) case "`/usr/bin/file \$xxx`" in

?S: \*N32\*) ;;

?S: \*) xxx=/no/n32\$xxx ;;

?S: esac ;;

?S: esac'

?S:.

?D:libs=""

?LINT:extern libswanted

?LINT:change libswanted

?INIT:: default library list

?INIT:libswanted=""

?X: This order is chosen so that libraries -lndir, -ldir, -lucb, -lbsd,

?X: -lbsd, -lPW, and -lx only get used if there are unresolved

?X: routines at link time. Usually, these are backwards compatability

?X: libraries, and may not be as reliable as the standard c library.

?X:

?X: The -lsocket -linet -lnsl order has been reported to be necessary

?X: for at least one SVR4 implementation.

?X: -lc must proceed -lucb or -lbsd for most Solaris applications.

?X: -lc\_s proceeds -lc so we pick up the shared library version, if  
?X: it is available.  
?X:  
?X: The ordering of c, posix, and cposix is a guess and almost  
?X: certainly wrong on about half of all systems.  
?X:  
?X: Set proper libswanted in your private Myinit.U if needed.  
?X:  
?X:: default ordered library list  
?X:libswanted='net socket inet bind nsl nm sdbm gdbm ndbm dbm malloc dl'  
?X:libswanted="\$libswanted dld sun m c\_s c posix cposix ndir dir ucb"  
?X:libswanted="\$libswanted bsd BSD PW x"  
?X:  
?INIT:: should be set by hint files if needed  
?INIT:libscheck="  
?T:xxx yyy thislib thisdir libstyle linkmsg  
?F:lt.c lt  
: Looking for optional libraries  
echo " "  
echo "Checking for optional libraries..." >&4  
case "\$libs" in  
'|') dflt="";;  
\*) dflt="\$libs";;  
esac  
case "\$libswanted" in  
") libswanted='c\_s';;  
esac  
?X: libsocks has nasty naming scheme.  
?X: This does not work if somebody wants SOCKS 4.  
case "\$susesocks" in  
"\$define") libswanted="\$libswanted socks5 socks5\_sh" ;;  
esac  
?X: Used later for link checks  
echo "extern char printf(); int main() { printf(); return 0; }" > lt.c  
libsfound="  
libsfiles="  
libsdirs="  
libspath="  
for thisdir in \$libpth \$xlibpth; do  
test -d \$thisdir && libspath="\$libspath \$thisdir"  
done  
for thislib in \$libswanted; do  
for thisdir in \$libspath; do  
xxx="  
if \$test ! -f "\$xxx" ; then  
xxx=`ls \$thisdir/lib\$thislib.\$so.[0-9]\* 2>/dev/null | \$sed -n '1p'  
\$test -f "\$xxx" && eval \$libscheck  
\$test -f "\$xxx" && libstyle=shared

```

fi
if test ! -f "$xxx"; then
xxx=$thisdir/lib$thislib.$so
$stest -f "$xxx" && eval $libscheck
$stest -f "$xxx" && libstyle=shared
fi
if test ! -f "$xxx"; then
xxx=$thisdir/lib$thislib$_a
    $stest -f "$xxx" && eval $libscheck
$stest -f "$xxx" && libstyle=static
fi
if test ! -f "$xxx"; then
xxx=$thisdir/$thislib$_a
    $stest -f "$xxx" && eval $libscheck
$stest -f "$xxx" && libstyle=static
fi
if test ! -f "$xxx"; then
xxx=$thisdir/lib${thislib}_s$_a
    $stest -f "$xxx" && eval $libscheck
$stest -f "$xxx" && libstyle=static
$stest -f "$xxx" && thislib=${thislib}_s
fi
if test ! -f "$xxx"; then
xxx=$thisdir/Slib$thislib$_a
    $stest -f "$xxx" && eval $libscheck
$stest -f "$xxx" && libstyle=static
fi
if $stest -f "$xxx"; then
?X:
?X: It is not sufficient to find a .so on the disk. We must make sure
?X: that we can indeed supply the -lfoo line on the cc line to link against
?X: that library. On Linux for instance, a versioned .so will not be
?X: implicitly linked against, whereas it will work fine on Solaris 2.6.
?X: --RAM, 10/10/2003
?X:
if $cc -o lt $ccflags $ldflags lt.c -l$thislib >/dev/null 2>&1;
then
linkmsg=""
else
linkmsg=" but I can't link against it"
fi
case "$libstyle" in
shared) echo "Found -l$thislib (shared)$linkmsg." ;;
static) echo "Found -l$thislib$linkmsg." ;;
*) echo "Found -l$thislib ($libstyle)$linkmsg." ;;
esac
case " $dflt " in
*" -l$thislib "*" );;

```

```

*)
case "$linkmsg" in
")
dflt="$dflt -l$thislib"
libsfound="$libsfound $xxx"
yyy=`basename $xxx`
libsfiles="$libsfiles $yyy"
yyy=`echo $xxx|sed -e "s%/$yyy\\|%%"`
case " $libsdirs " in
*" $yyy *) ;;
*) libsdirs="$libsdirs $yyy" ;;
esac
;;
esac
;;
esac
break
fi
done
if $test ! -f "$xxx"; then
echo "No -l$thislib."
fi
done
set X $dflt
shift
dflt="$*"
case "$libs" in
") dflt="$dflt";;
*) dflt="$libs";;
esac
case "$dflt" in
'|') dflt='none';;
esac
$rm -f lt.c lt

$cat <<EOM

```

In order to compile \$package on your machine, a number of libraries are usually needed. Include any other special libraries here as well. Say "none" for none. The default list is almost always right.

EOM

```

echo " "
rp="Which libraries to use?"
./myread
case "$ans" in
none) libs='';;
*) libs="$ans";;

```

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getlogin\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_getlogin\_r getlogin\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_unistd extern\_C

?MAKE: -pick add \$@ %<

?S:d\_getlogin\_r:

?S: This variable conditionally defines the HAS\_GETLOGIN\_R symbol,

?S: which indicates to the C program that the getlogin\_r()

?S: routine is available.

?S:.

?S:getlogin\_r\_proto:

?S: This variable encodes the prototype of getlogin\_r.

?S: It is zero if d\_getlogin\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getlogin\_r

?S: is defined.

?S:.

?C:HAS\_GETLOGIN\_R:

?C: This symbol, if defined, indicates that the getlogin\_r routine

?C: is available to getlogin re-entrantly.

?C:.

?C:GETLOGIN\_R\_PROTO:

?C: This symbol encodes the prototype of getlogin\_r.

?C: It is zero if d\_getlogin\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getlogin\_r

?C: is defined.

?C:.

?H:#\$d\_getlogin\_r HAS\_GETLOGIN\_R /\*\*/

?H:#define GETLOGIN\_R\_PROTO \$getlogin\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_getlogin\_r\_proto

: see if getlogin\_r exists

set getlogin\_r d\_getlogin\_r

eval \$inlibc

case "\$d\_getlogin\_r" in

"\$define")

```

hdrs="$i_systypes sys/types.h define stdio.h $i_unistd unistd.h"
case "$d_getlogin_r_proto:$usetheads" in
":define") d_getlogin_r_proto=define
set d_getlogin_r_proto getlogin_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getlogin_r_proto" in
define)
case "$getlogin_r_proto" in
"|0) try='int getlogin_r(char*, size_t);'
./protochk "$sextern_C $try" $hdrs && getlogin_r_proto=I_BW ;;
esac
case "$getlogin_r_proto" in
"|0) try='int getlogin_r(char*, int);'
./protochk "$sextern_C $try" $hdrs && getlogin_r_proto=I_BI ;;
esac
case "$getlogin_r_proto" in
"|0) try='char* getlogin_r(char*, size_t);'
./protochk "$sextern_C $try" $hdrs && getlogin_r_proto=B_BW ;;
esac
case "$getlogin_r_proto" in
"|0) try='char* getlogin_r(char*, int);'
./protochk "$sextern_C $try" $hdrs && getlogin_r_proto=B_BI ;;
esac
case "$getlogin_r_proto" in
"|0) d_getlogin_r=undef
getlogin_r_proto=0
echo "Disabling getlogin_r, cannot determine prototype." >&4 ;;
* ) case "$getlogin_r_proto" in
REENTRANT_PROTO*) ;;
*) getlogin_r_proto="REENTRANT_PROTO_$getlogin_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetheads" in
define) echo "getlogin_r has no prototype, not using it." >&4 ;;
esac
d_getlogin_r=undef
getlogin_r_proto=0
;;
esac
;;
*) getlogin_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_getlogin\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysstat.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_sysstat.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:48:30 ram

?RCS: patch61: created

?RCS:

?MAKE:i\_sysstat: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_sysstat:

?S: This variable conditionally defines the I\_SYS\_STAT symbol,

?S: and indicates whether a C program should include <sys/stat.h>.

?S:.

?C:I\_SYS\_STAT (I\_SYSSTAT):

?C: This symbol, if defined, indicates to the C program that it should

?C: include <sys/stat.h>.

?C:.

?H:#\$i\_sysstat I\_SYS\_STAT /\*\*/

?H:.

?LINT:set i\_sysstat

: see if sys/stat.h is available

set sys/stat.h i\_sysstat

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_sysstat.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: fpostype.U,v 3.0.1.2 1994/08/29 16:20:52 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: fpostype.U,v \$  
?RCS: Revision 3.0.1.2 1994/08/29 16:20:52 ram  
?RCS: patch32: now uses new Typedef unit to compute type information  
?RCS:  
?RCS: Revision 3.0.1.1 1994/06/20 06:59:59 ram  
?RCS: patch30: created  
?RCS:  
?MAKE:fpostype: Myread Typedef  
?MAKE: -pick add \$@ %<  
?S:fpostype:  
?S: This variable defines Fpos\_t to be something like fpos\_t, long,  
?S: uint, or whatever type is used to declare file positions in libc.  
?S:.  
?C:Fpos\_t:  
?C: This symbol holds the type used to declare file positions in libc.  
?C: It can be fpos\_t, long, uint, etc... It may be necessary to include  
?C: <sys/types.h> to get any typedef'ed information.  
?C:.  
?H:#define Fpos\_t \$fpostype /\* File position type \*/  
?H:.  
?LINT:set fpostype  
: see what type file positions are declared as in the library  
rp="What is the type for file position used by fsetpos()?"  
set fpos\_t fpostype long stdio.h sys/types.h  
eval \$typedef\_ask

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/fpostype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysmode.U,v \$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_sysmode: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_sysmode:

?S: This variable conditionally defines the I\_SYSMODE symbol,

?S: and indicates whether a C program should include <sys/mode.h>.

?S:.



?C:I\_SYSMODE:

?C: This symbol, if defined, indicates that <sys/mode.h> exists and

?C: should be included.

?C:.

?H:#\$i\_sysmode I\_SYSMODE /\*\*/

?H:.

?LINT:set i\_sysmode

: see if this is a sys/mode.h system

set sys/mode.h i\_sysmode

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_sysmode.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_gmtime\_r.U,v ORCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_gmtime\_r gmtime\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_time i\_systime extern\_C

?MAKE: -pick add \$@ %<

?S:d\_gmtime\_r:

?S: This variable conditionally defines the HAS\_GMTIME\_R symbol,

?S: which indicates to the C program that the gmtime\_r()

?S: routine is available.

?S:.

?S:gmtime\_r\_proto:

?S: This variable encodes the prototype of gmtime\_r.

?S: It is zero if d\_gmtime\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_gmtime\_r

?S: is defined.

?S:.

?C:HAS\_GMTIME\_R:

?C: This symbol, if defined, indicates that the gmtime\_r routine

?C: is available to gmtime re-entrantly.

?C:.

?C:GMTIME\_R\_PROTO:

?C: This symbol encodes the prototype of gmtime\_r.

?C: It is zero if d\_gmtime\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_gmtime\_r

?C: is defined.

?C:.

```

?H:#$d_gmtime_r HAS_GMTIME_R /**/
?H:#define GMTIME_R_PROTO $gmtime_r_proto /**/
?H:.
?T:try hdrs d_gmtime_r_proto
: see if gmtime_r exists
set gmtime_r d_gmtime_r
eval $inlibc
case "$d_gmtime_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_time time.h $i_systime sys/time.h"
case "$d_gmtime_r_proto:$usethreads" in
":define") d_gmtime_r_proto=define
set d_gmtime_r_proto gmtime_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_gmtime_r_proto" in
define)
case "$gmtime_r_proto" in
"|0) try='struct tm* gmtime_r(const time_t*, struct tm*);'
./prochck "$extern_C $try" $hdrs && gmtime_r_proto=S_TS ;;
esac
case "$gmtime_r_proto" in
"|0) try='int gmtime_r(const time_t*, struct tm*);'
./prochck "$extern_C $try" $hdrs && gmtime_r_proto=I_TS ;;
esac
case "$gmtime_r_proto" in
"|0) d_gmtime_r=undef
gmtime_r_proto=0
echo "Disabling gmtime_r, cannot determine prototype." >&4 ;;
* ) case "$gmtime_r_proto" in
REENTRANT_PROTO*) ;;
*) gmtime_r_proto="REENTRANT_PROTO_$gmtime_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "gmtime_r has no prototype, not using it." >&4 ;;
esac
d_gmtime_r=undef
gmtime_r_proto=0
;;
esac
;;
*) gmtime_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_gmtime\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_termio.U,v \$

?RCS: Revision 3.0.1.4 1994/10/29 16:20:54 ram

?RCS: patch36: call ./usg and ./Cpplib explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0.1.3 1994/08/29 16:26:38 ram

?RCS: patch32: don't include all three I\_\* symbols in config.h

?RCS: patch32: (had forgotten to undo this part last time)

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:25:03 ram

?RCS: patch27: undone ADO's fix in previous patch since it was useless

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:05:23 ram

?RCS: patch23: now include all three defines in config.h (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:44 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_termio i\_sgty i\_termios: test Inlibc Cpplib Guess Setvar Findhdr Warn

?MAKE: -pick add \$@ %<

?S:i\_termio:

?S: This variable conditionally defines the I\_TERMIO symbol, which

?S: indicates to the C program that it should include <termio.h> rather

?S: than <sgty.h>.

?S:.

?S:i\_termios:

?S: This variable conditionally defines the I\_TERMIOS symbol, which

?S: indicates to the C program that the POSIX <termios.h> file is

?S: to be included.

?S:.

?S:i\_sgty:

?S: This variable conditionally defines the I\_SGTTY symbol, which

?S: indicates to the C program that it should include <sgty.h> rather

?S: than <termio.h>.

?S:.

?C:I\_TERMIO:

?C: This symbol, if defined, indicates that the program should include

?C: <termio.h> rather than <sgtty.h>. There are also differences in

?C: the ioctl() calls that depend on the value of this symbol.

?C:.

?C:I\_TERMIOS:

?C: This symbol, if defined, indicates that the program should include

?C: the POSIX termios.h rather than sgTTY.h or termio.h.

?C: There are also differences in the ioctl() calls that depend on the

?C: value of this symbol.

?C:.

?C:I\_SGTTY:

?C: This symbol, if defined, indicates that the program should include

?C: <sgTTY.h> rather than <termio.h>. There are also differences in

?C: the ioctl() calls that depend on the value of this symbol.

?C:.

?H:#\$i\_termio I\_TERMIO /\*\*/

?H:#\$i\_termios I\_TERMIOS /\*\*/

?H:#\$i\_sgTTY I\_SGTTY /\*\*/

?H:.

?T:val2 val3

?LINT:set i\_termio i\_sgTTY i\_termios

: see if this is a termio system

val="\$undef"

val2="\$undef"

val3="\$undef"

?X: Prefer POSIX-approved termios.h over all else

```
if $test `./findhdr termios.h`; then
  set tcsetattr i_termios
  eval $inlibc
  val3="$i_termios"
fi
echo " "
case "$val3" in
"$define") echo "You have POSIX termios.h... good!" >&4;
*) if ./CpPSym pyr; then
  case "`/bin/universe`" in
ucb) if $test `./findhdr sgTTY.h`; then
  val2="$define"
  echo "<sgTTY.h> found." >&4
  else
  echo "System is pyramid with BSD universe."
  ./warn "<sgTTY.h> not found--you could have problems."
  fi;;
*) if $test `./findhdr termio.h`; then
  val="$define"
```

```

echo "<termio.h> found." >&4
else
echo "System is pyramid with USG universe."
./warn "<termio.h> not found--you could have problems."
fi;;
esac
?X: Start with USG to avoid problems if both usg/bsd was guessed
elif ./usg; then
if $test `./findhdr termio.h`; then
echo "<termio.h> found." >&4
val="$define"
elif $test `./findhdr sgtty.h`; then
echo "<sgtty.h> found." >&4
val2="$define"
else
./warn "Neither <termio.h> nor <sgtty.h> found--cross fingers!"
fi
else
if $test `./findhdr sgtty.h`; then
echo "<sgtty.h> found." >&4
val2="$define"
elif $test `./findhdr termio.h`; then
echo "<termio.h> found." >&4
val="$define"
else
./warn "Neither <sgtty.h> nor <termio.h> found--cross fingers!"
fi
fi;;
esac
set i_termio; eval $setvar
val=$val2; set i_sgtty; eval $setvar
val=$val3; set i_termios; eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_termio.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: myhostname.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 16:15:55 ram

?RCS: patch61: improved hostname lookup by using ypmatch when NIS is used

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:25:43 ram

?RCS: patch36: call ./xenix explicitly instead of relying on PATH

?RCS: patch36: now uses new Tr unit to convert to/from lowercase

?RCS:

?RCS: Revision 3.0.1.1 1994/06/20 07:06:20 ram

?RCS: patch30: now a little more clever for domain name guessing

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:18 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:myhostname phostname mydomain: contains sed test Myread Oldconfig \  
 Guess Loc awk echo sort uniq +usrinc rm hostcat Tr osname

?MAKE: -pick add \$@ %<

?S:myhostname (hostname):

?S: This variable contains the eventual value of the MYHOSTNAME symbol,  
 ?S: which is the name of the host the program is going to run on.  
 ?S: The domain is not kept with hostname, but must be gotten from mydomain.  
 ?S: The dot comes with mydomain, and need not be supplied by the program.  
 ?S:.

?S:mydomain:

?S: This variable contains the eventual value of the MYDOMAIN symbol,  
 ?S: which is the domain of the host the program is going to run on.  
 ?S: The domain must be appended to myhostname to form a complete host name.  
 ?S: The dot comes with mydomain, and need not be supplied by the program.  
 ?S:.

?S:phostname:

?S: This variable contains the eventual value of the PHOSTNAME symbol,  
 ?S: which is a command that can be fed to popen() to get the host name.  
 ?S: The program should probably not presume that the domain is or isn't  
 ?S: there already.  
 ?S:.

?C:MYHOSTNAME (HOSTNAME):

?C: This symbol contains name of the host the program is going to run on.  
 ?C: The domain is not kept with hostname, but must be gotten from MYDOMAIN.  
 ?C: The dot comes with MYDOMAIN, and need not be supplied by the program.  
 ?C: If gethostname() or uname() exist, MYHOSTNAME may be ignored. If MYDOMAIN  
 ?C: is not used, MYHOSTNAME will hold the name derived from PHOSTNAME.  
 ?C:.

?C:MYDOMAIN:

?C: This symbol contains the domain of the host the program is going to  
 ?C: run on. The domain must be appended to HOSTNAME to form a complete  
 ?C: host name. The dot comes with MYDOMAIN, and need not be supplied by  
 ?C: the program. If the host name is derived from PHOSTNAME, the domain  
 ?C: may or may not already be there, and the program should check.

```

?C:.
?H:#define MYHOSTNAME "$myhostname" /**/
?H:#define MYDOMAIN "$mydomain" /**/
?H:.
?T:cont i tans tmp_re file
: now get the host name
echo " "
echo "Figuring out host name..." >&4
case "$myhostname" in
") cont=true
echo 'Maybe "hostname" will work...'
if tans=`sh -c hostname 2>&1` ; then
myhostname=$tans
phostname=hostname
cont="
fi
;;
*) cont="";;
esac
if $test "$cont"; then
if ./xenix; then
echo 'Oh, dear. Maybe "/etc/systemid" is the key...'
if tans=`cat /etc/systemid 2>&1` ; then
myhostname=$tans
phostname='cat /etc/systemid'
echo "Whadyaknow. Xenix always was a bit strange..."
cont="
fi
elif $test -r /etc/systemid; then
echo "(What is a non-Xenix system doing with /etc/systemid?)"
fi
fi
if $test "$cont"; then
echo 'No, maybe "uname -l" will work...'
if tans=`sh -c 'uname -l' 2>&1` ; then
myhostname=$tans
phostname='uname -l'
else
echo 'Strange. Maybe "uname -n" will work...'
if tans=`sh -c 'uname -n' 2>&1` ; then
myhostname=$tans
phostname='uname -n'
else
echo 'Oh well, maybe I can mine it out of whoami.h...'
if tans=`sh -c $contains' sysname $usrinc/whoami.h' 2>&1` ; then
myhostname=`echo "$tans" | $sed 's/^\.*\(.*)"/^1/^`
phostname="sed -n -e ""'/sysname/s/^\.*\(.*)"/^1/{'' -e p -e q -e '}' <$usrinc/whoami.h"
else

```

```

case "$myhostname" in
") echo "Does this machine have an identity crisis or something?"
phostname="";
*)
echo "Well, you said $myhostname before..."
phostname='echo $myhostname';;
esac
fi
fi
fi
fi
case "$myhostname" in
") myhostname=noname ;;
esac
: you do not want to know about this
set $myhostname
myhostname=$1

: verify guess
if $test "$myhostname" ; then
dflt=y
rp='Your host name appears to be "$myhostname"." Right?'
./myread
case "$ans" in
y*) ;;
*) myhostname="";;
esac
fi

: bad guess or no guess
while $test "X$myhostname" = X ; do
dflt=""
rp="Please type the (one word) name of your host:"
./myread
myhostname="$ans"
done

: translate upper to lower if necessary
case "$myhostname" in
*[A-Z]*)
echo "(Normalizing case in your host name)"
myhostname=`echo $myhostname | ./tr '[A-Z]' '[a-z]'`
;;
esac

```

?X: Do not ask for domain name if this is not used later on. In that  
?X: case, the hostname may keep its domain name, but it doesn't matter.  
@if MYDOMAIN || mydomain



```

case "$myhostname" in
*.*)
dflt=`expr "X$myhostname" : "X[^.]*\(\..*\)"`
myhostname=`expr "X$myhostname" : "X\([^.]*\)\.\""
echo "(Trimming domain name from host name--host name is now $myhostname)"
;;
*) case "$mydomain" in
")
?X:
?X: There is currently no way to say we do not want hostcat if mydomain is not
?X: used. One way to achieve that would be to put that code in a mydomain.U
?X: unit. However, we want to stick the sanity checks right after the domain
?X: name computation, or if none is done, right after the hostname computation.
?X:
{
?X: If we use NIS, try ypmatch.
test "X$hostcat" = "Xypcat hosts" &&
ypmatch "$myhostname" hosts 2>/dev/null \
$sed -e 's/[ ]*#.*//; s/$/ /' > hosts && \
$stest -s hosts
} || {
?X: Extract only the relevant hosts, reducing file size,
?X: remove comments, insert trailing space for later use.
$hostcat | $sed -n -e "s/[ ]*#.*//; s^\$/ /
/[ ]$myhostname[ . ]/p" > hosts
}
tmp_re="[ .]"
$stest x`$awk "/[0-9].*[ ]$myhostname$tmp_re/ { sum++ }
END { print sum }" hosts` = x1 || tmp_re="[ ]"
dflt=`$awk \
"/[0-9].*[ ]$myhostname$tmp_re/ {for(i=2; i<=NF;i++) print \\$i}" \
hosts | $sort | $uniq | \
$sed -n -e "s/$myhostname\.\([^-a-zA-Z0-9_]\)\^1/p"
case `echo X$dflt` in
X*\ *) echo "(Several hosts in /etc/hosts matched hostname)"
dflt=.
;;
?X: There is no /etc/hosts on os390
X.)
if $test -f /etc/hosts; then
echo "(You do not have fully-qualified names in /etc/hosts)"
else
echo "(I cannot locate a hosts database anywhere)"
fi
;;
esac
case "$dflt" in
.)

```

```

tans=`./loc resolv.conf X /etc /usr/etc`
if $test -f "$tans"; then
    echo "(Attempting domain name extraction from $tans)"
?X: Look for either a search or a domain directive.
dflt=`$sed -n -e 's// /g' \
    -e 's/^search *([^\ ]*).*/\1/p' $tans \
    | ./tr '[A-Z]' '[a-z]' 2>/dev/null`
case "$dflt" in
.) dflt=`$sed -n -e 's// /g' \
    -e 's/^domain *([^\ ]*).*/\1/p' $tans \
    | ./tr '[A-Z]' '[a-z]' 2>/dev/null`
;;
esac
fi
;;
esac
case "$dflt" in
.) echo "(No help from resolv.conf either -- attempting clever guess)"
dflt=`sh -c domainname 2>/dev/null`
case "$dflt" in
") dflt=': ';
.nis.*|.yp.*|.main.*) dflt=`echo $dflt | $sed -e 's/^\.[^.]*/'`;
esac
;;
esac
case "$dflt$osname" in
.os390)
file="//SYS1.TCPPARMS(TCPDATA)"
echo "(Attempting domain name extraction from $file)"
dflt=`awk '/^DOMAINORIGIN/ {print $2}' "$file" 2>/dev/null`
;;
esac
case "$dflt" in
.) echo "(Lost all hope -- silly guess then)"
dflt='.nonet'
;;
esac
$rm -f hosts
;;
*) dflt="$mydomain";
esac;;
esac
echo " "
rp="What is your domain name?"
./myread
tans="$ans"
case "$ans" in
") ;;

```

```

.*) ;;
*) tans=".stans";;
esac
mydomain="$stans"

: translate upper to lower if necessary
case "$mydomain" in
*[A-Z]*)
echo "(Normalizing case in your domain name)"
mydomain=`echo $mydomain | ./tr '[A-Z]' '[a-z]`
;;
esac

@end
: a little sanity check here
case "$phostname" in
") ;;
*)
case ` $phostname | ./tr '[A-Z]' '[a-z]^` in
$myhostname$mydomain|$myhostname) ;;
*)
case "$phostname" in
sed*)
echo "(That doesn't agree with your whoami.h file, by the way.)"
;;
*)
echo "(That doesn't agree with your $phostname command, by the way.)"
;;
esac
;;
esac
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/myhostname.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getnbyad.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getnbyname: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getbyname:

?S: This variable conditionally defines the HAS\_GETNETBYNAME symbol, which

?S: indicates to the C program that the getnetbyname() routine is available

?S: to look up networks by their names.

?S:.

?C:HAS\_GETNETBYNAME:

?C: This symbol, if defined, indicates that the getnetbyname() routine is

?C: available to look up networks by their names.

?C:.

?H:#\$d\_getbyname HAS\_GETNETBYNAME /\*\*/

?H:.

?LINT:set d\_getbyname

: see if getnetbyname exists

set getnetbyname d\_getbyname

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_getbynym.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_scorfl.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_scorfl.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:01 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_scorfl: cat Myread Oldconfig nametype Setvar

?MAKE: -pick add \$@ %<

?S:d\_scorfl:

?S: This variable conditionally defines the SCOREFULL symbol, which

?S: indicates to the C program that any scoreboard kept by the program

?S: should be kept on the basis of the user's full name as opposed to

?S: the user's login name.

?S:.

?C:SCOREFULL:

?C: This symbol, if defined, indicates that any scoreboard kept by the

?C: program should be kept on the basis of the user's full name as opposed

?C: to the user's login name. If the user can change his full name he

?C: can enter multiple scores if this is defined.

```
?C:.
?H:#$d_scorfl SCOREFULL /**/
?H:.
?LINT:set d_scorfl
: see how they want the scoreboard kept
case "$d_scorfl" in
"$define") dflt=y ;;
*) dflt=n ;;
esac
case "$nametype" in
other) val="$undef" ;;
*)
$cat <<'EOM'
```

The scoreboard can be kept with one score per login name, or one score per full name. If users can change their full name, or if there is more than one person on your system with the same full name, you should keep the score by login name (the full name is still printed).

```
EOM
rp='Do you want the scoreboard kept by full name?'
. ./myread
case "$ans" in
y*) val="$define" ;;
*) val="$undef" ;;
esac
;;
esac
set d_scorfl
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_scorfl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Whoa.U,v 3.0.1.2 1997/02/28 15:21:21 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Whoa.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:21:21 ram
```

```

?RCS: patch61: whoa script now starts with leading "startsh"
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:02:01 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:19 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
?X: to warn the user in case a change into a variable is noticed.
?X:
?X: To use this unit, $was must hold the old value that has changed. Upon
?X: exit, the two variables $td and $tu are set to the correct value for
?X: respectively defining or undefining a variable. For instance, if $was was
?X: $undef, but now $var is $define, after calling . whoa, you should use
?X: eval "$var=\$tu" to finally set $var to the correct value. See unit Inlibc.
?X:
?MAKE:Whoa: Myread startsh hint
?MAKE: -pick add $@ %<
?F:./whoa
?T:var was td tu hintfile
: set up the script used to warn in case of inconsistency
cat <<EOS >whoa
$startsh
EOS
cat <<'EOOSC' >>whoa
dflt=y
case "$hint" in
    recommended)
case "$hintfile" in
    ") echo "The $hint value for \$$var on this machine was \"$was\!" ">&4
    ;;
    *) echo "Hmm. Based on the hints in hints/$hintfile.sh, " >&4
    echo "the $hint value for \$$var on this machine was \"$was\!" ">&4
    ;;
esac
;;
*) echo " "
echo "*** WHOA THERE!!! ***" >&4
echo " The $hint value for \$$var on this machine was \"$was\!" ">&4
;;
esac
rp=" Keep the $hint value?"
./myread
case "$ans" in
y) td=$was; tu=$was;;
esac

```

EOSC

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Whoa.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_sbrk.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_sbrk.U,v \$

?RCS: Revision 3.0.1.1 1994/01/24 14:06:31 ram

?RCS: patch16: created

?RCS:

?MAKE:d\_sbrk: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_sbrk:

?S: This variable conditionally defines HAS\_SBRK if sbrk() is

?S: available to add more core to the process.

?S:.

?C:HAS\_SBRK:

?C: This symbol, if defined, indicates that the sbrk system call is

?C: available to add/release core. Always true on Unix.

?C:.

?H:#\$d\_sbrk HAS\_SBRK /\*\*/

?H:.

?LINT:set d\_sbrk

: see if sbrk exists

set sbrk d\_sbrk

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_sbrk.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: i\_pwd.U,v \$  
?RCS: Revision 3.0.1.2 1995/07/25 14:10:57 ram  
?RCS: patch56: use setvar so hint file values can override our guesses (ADO)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/05/06 15:03:27 ram  
?RCS: patch23: had forgotten cppminus in cppstdin test (ADO)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:08:25 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit checks whether there is a pwd system or not  
?X:  
?MAKE:i\_pwd d\_pwquota d\_pwage d\_pwchange d\_pwclass d\_pwexpire d\_pwcomment: \  
contains rm cppstdin cppflags cppminus Inhdr Findhdr Setvar  
?MAKE: -pick add \$@ %<  
?S:i\_pwd:  
?S: This variable conditionally defines I\_PWD, which indicates  
?S: to the C program that it should include <pwd.h>.  
?S:.  
?S:d\_pwquota:  
?S: This variable conditionally defines PWQUOTA, which indicates  
?S: that struct passwd contains pw\_quota.  
?S:.  
?S:d\_pwage:  
?S: This variable conditionally defines PWAGE, which indicates  
?S: that struct passwd contains pw\_age.  
?S:.  
?S:d\_pwchange:  
?S: This variable conditionally defines PWCHANGE, which indicates  
?S: that struct passwd contains pw\_change.  
?S:.  
?S:d\_pwclass:  
?S: This variable conditionally defines PWCLASS, which indicates  
?S: that struct passwd contains pw\_class.  
?S:.  
?S:d\_pwexpire:  
?S: This variable conditionally defines PWEXPIRE, which indicates  
?S: that struct passwd contains pw\_expire.  
?S:.  
?S:d\_pwcomment:  
?S: This variable conditionally defines PWCOMMENT, which indicates  
?S: that struct passwd contains pw\_comment.



```

?S:.
?C:I_PWD:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <pwd.h>.
?C:.
?C:PWQUOTA:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_quota.
?C:.
?C:PWAGE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_age.
?C:.
?C:PWCHANGE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_change.
?C:.
?C:PWCLASS:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_class.
?C:.
?C:PWEXPIRE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_expire.
?C:.
?C:PWCOMMENT:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_comment.
?C:.
?H:#$i_pwd I_PWD /**/
?H:#$d_pwquota PWQUOTA /**/
?H:#$d_pwage PWAGE /**/
?H:#$d_pwchange PWCHANGE /**/
?H:#$d_pwclass PWCLASS /**/
?H:#$d_pwexpire PWEXPIRE /**/
?H:#$d_pwcomment PWCOMMENT /**/
?H:.
?LINT: set i_pwd d_pwquota d_pwage d_pwchange d_pwclass d_pwexpire d_pwcomment
?T:xxx
: see if this is a pwd.h system
set pwd.h i_pwd
eval $inhdr

case "$i_pwd" in
$define)
xxx=`./findhdr pwd.h`
$cpstdin $cpflags $cpminus < $xxx >$$h

```

```
if $contains 'pw_quota' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwquota
eval $setvar
```

```
if $contains 'pw_age' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwage
eval $setvar
```

```
if $contains 'pw_change' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwchange
eval $setvar
```

```
if $contains 'pw_class' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwclass
eval $setvar
```

```
if $contains 'pw_expire' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwexpire
eval $setvar
```

```
if $contains 'pw_comment' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwcomment
eval $setvar
```

```
$rm -f $$h
;;
*)
val="$undef";
set d_pwquota; eval $setvar
set d_pwage; eval $setvar
set d_pwchange; eval $setvar
set d_pwclass; eval $setvar
set d_pwexpire; eval $setvar
set d_pwcomment; eval $setvar
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_pwd.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_regex.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Sidney C. Smith <scsmith@cbda9.apgea.army.mil>
?RCS:
?RCS: $Log: i_regex.U,v $
?RCS: Revision 3.0.1.1 1995/01/30 14:35:45 ram
?RCS: patch49: created
?RCS:
?RCS:
?MAKE:i_regex: Inhdr
?MAKE: -pick add $@ %<
?S:i_regex:
?S: This variable conditionally defines the I_REGEX symbol, which
?S: indicates to the C program that <regex.h> exists and should
?S: be included.
?S:.
?C:I_REGEX:
?C: This symbol, if defined, indicates that <regex.h> exists and should
?C: be included.
?C:.
?H:#$i_regex I_REGEX /**/
?H:.
```

```
?LINT:set i_regex
: see if regex is available
set regex.h i_regex
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_regex.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_finitel: Inlibc
```

```
?MAKE:-pick add $@ %<
```

```
?S:d_finitel:
```

```
?S: This variable conditionally defines the HAS_FINITEL symbol, which
```

```
?S: indicates to the C program that the finitel() routine is available.
```

```
?S:.
```

```
?C:HAS_FINITEL:
```

```
?C: This symbol, if defined, indicates that the finitel routine is
```

```
?C: available to check whether a long double is finite
```

```
?C: (non-infinity non-NaN).
```

```
?C:.
```

```
?H:#$d_finitel HAS_FINITEL /**/
```

```
?H:.
```

```
?LINT:set d_finitel
```

```
: see if finitel exists
```

```
set finitel d_finitel
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_finitel.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: errnolist.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:48:01 ram

?RCS: patch61: replaced .a with \$\_a all over the place

?RCS: patch61: likewise for .o replaced by \$\_o

?RCS:

?RCS: Revision 3.0.1.1 1994/01/24 14:10:54 ram

?RCS: patch16: created

?RCS:

?MAKE:errnolist errnolist\_SH errnolist\_a errnolist\_c errnolist\_o: cat +cc \  
+ccflags +libs +d\_sysernlst\_a\_o

?MAKE: -pick add \$@ %<

?S:errnolist:

?S: This variable holds the base name of a file containing the  
?S: definition of the sys\_errnolist array, if the C library  
?S: doesn't provide it already. Otherwise, its value is empty.  
?S: The following lines should be included in your Makefile.SH:

?S:

?S: case "\$serrnolist" in

?S: ") ;;

?S: \*)

?S: \$spitshell >>Makefile <<!GROK!THIS!

?S: \$serrnolist\_c: \$serrnolist\_SH \$serrnolist\_a

?S: sh ./serrnolist\_SH

?S:

?S: !GROK!THIS!

?S: ;;

?S: esac

?S:

?S: You may define the 'errnolist' variable in your Myinit.U if you  
?S: wish to override its default value "errnolist".

?S:.

?S:errnolist\_SH:

?S: This is the name of a file which will generate errnolistic.  
?S:.

?S:errnolist\_a:

?S: This is the name of the awk script called by errnolist\_SH.  
?S:.

?S:errnolist\_c:

?S: This is the name of a generated C file which provides the  
?S: definition of the sys\_errnolist array.  
?S:.

?S:errnolist\_o:

?S: This is the name of the object file which provides the  
?S: definition of the sys\_errnolist array, if the C library  
?S: doesn't provide it already. Otherwise, its value is empty.  
?S:.

```

?INIT:errnolist=errnolist
: check for sys_errnolist
@if d_sysernlst || HAS_SYS_ERRNOLIST
case "$d_sysernlst" in
"$define")
    errnolist="
    errnolist_SH="
    errnolist_a="
    errnolist_c="
    errnolist_o="
;;
*)
echo " "
echo "I'll make sure your Makefile provides sys_errnolist in $serrnolist.c"
    errnolist_SH=$serrnolist.SH
    errnolist_a=$serrnolist$_a
    errnolist_c=$serrnolist.c
    errnolist_o=$serrnolist$_o
;;
esac
@else
echo " "
$cat <<EOM
Checking to see if your C library provides us with sys_errnolist[...]
EOM
$cat >errnolist.c <<'EOCP'
extern char *sys_errnolist[];
int main() {
    char *p0 = sys_errnolist[0];
    char *p1 = sys_errnolist[1];

    return (p0 == p1); /* Make sure they're not optimized away */
}
EOCP
if $cc $ccflags -o errnolist errnolist.c $libs >/dev/null 2>&1 ; then
    echo "It does."
    errnolist="
    errnolist_SH="
    errnolist_a="
    errnolist_c="
    errnolist_o="
else
echo "I'll make sure your Makefile provides sys_errnolist in $serrnolist.c"
    errnolist_SH=$serrnolist.SH
    errnolist_a=$serrnolist$_a
    errnolist_c=$serrnolist.c
    errnolist_o=$serrnolist$_o
fi

```

@end

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/errnolist.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2009 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getaddrinfo: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getaddrinfo:

?S: This variable conditionally defines the HAS\_GETADDRINFO symbol,

?S: which indicates to the C program that the getaddrinfo() function

?S: is available.

?S:.

?C:HAS\_GETADDRINFO:

?C: This symbol, if defined, indicates that the getaddrinfo() function

?C: is available for use.

?C:.

?H:#\$d\_getaddrinfo HAS\_GETADDRINFO /\*\*/

?H:.

?LINT:set d\_getaddrinfo

: see if getaddrinfo exists

set getaddrinfo d\_getaddrinfo

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getaddrinfo.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_statblks.U,v 3.0 1993/08/18 12:07:29 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d\_statblks.U,v \$

```

?RCS: Revision 3.0 1993/08/18 12:07:29 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_statblks: Hasfield i_sysstat
?MAKE: -pick add $@ %<
?S:d_statblks:
?S: This variable conditionally defines USE_STAT_BLOCKS
?S: if this system has a stat structure declaring
?S: st_blksize and st_blocks.
?S:.
?C:USE_STAT_BLOCKS (STATBLOCKS):
?C: This symbol is defined if this system has a stat structure declaring
?C: st_blksize and st_blocks.
?C:.
?H:%<:#ifndef USE_STAT_BLOCKS
?H:%<:#$d_statblks USE_STAT_BLOCKS /**/
?H:%<:#endif
?H:.
?LINT:set d_statblks
: see if stat knows about block sizes
echo " "
echo "Checking to see if your struct stat has st_blocks field..." >&4
set d_statblks stat st_blocks $i_sysstat sys/stat.h
eval $hasfield

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_statblks.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: archname.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:24:32 ram
?RCS: patch61: changed the way the archname is mangled from uname
?RCS:
?RCS: Revision 3.0.1.2 1995/05/12 12:05:24 ram
?RCS: patch54: protect against spaces in "uname -m" output (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1995/02/15 14:14:21 ram

```



```

?RCS: patch51: created
?RCS:
?MAKE:archname myarchname: sed Loc Myread Oldconfig osname test rm
?MAKE: -pick add $@ %<
?S:archname:
?S: This variable is a short name to characterize the current
?S: architecture. It is used mainly to construct the default archlib.
?S:.
?S:myarchname:
?S: This variable holds the architecture name computed by Configure in
?S: a previous run. It is not intended to be perused by any user and
?S: should never be set in a hint file.
?S:.
?C:ARCHNAME:
?C: This symbol holds a string representing the architecture name.
?C: It may be used to construct an architecture-dependant pathname
?C: where library files may be held under a private library, for
?C: instance.
?C:.
?H:#define ARCHNAME "$archname" /**/
?H:.
?T:xxx tarch
: determine the architecture name
echo " "
?X: We always recompute archname in case osname changes. However, we need
?X: to be careful since, as ADO rightfully pointed out, some systems pick
?X: silly architecture names (0001307135000-aix on AIX or 9000/715-ux under
?X: HP-UX). Therefore, we allow hint files to superseed our guess and ask
?X: the user for confirmation.
if xxx=`./loc arch blurfl $pth`; $test -f "$xxx"; then
  tarch=`arch`-"-$osname"
elif xxx=`./loc uname blurfl $pth`; $test -f "$xxx" ; then
  if uname -m > tmparch 2>&1 ; then
    tarch=`$sed -e 's/ *$//' -e 's/ /_/g' \
      -e 's/$/'-"-$osname/" tmparch`
  else
    tarch="$osname"
  fi
  $rm -f tmparch
else
  tarch="$osname"
fi
case "$myarchname" in
|"$tarch") ;;
*)
  echo "(Your architecture name used to be $myarchname.)"
  archname="
;;

```

```

esac
case "$archname" in
") dflt="$starch";;
*) dflt="$archname";;
esac
rp='What is your architecture name'
./myread
archname="$sans"
myarchname="$starch"

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/archname.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_gnulibc.U,v 3.0.1.1 1997/02/28 15:34:33 ram Exp $
?RCS:
?RCS: Copyright (c) 1996,1998 Andy Dougherty
?RCS: Copyright (c) 1996, Sven Verdoolaege
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_gnulibc.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:34:33 ram
?RCS: patch61: created
?RCS:
?MAKE:d_gnulibc gnulibc_version: Myread Oldconfig Setvar rm_try \
cat Compile run
?MAKE: -pick add $@ %<
?S:d_gnulibc:
?S: Defined if we're dealing with the GNU C Library.
?S:.
?S:gnulibc_version:
?S: This variable contains the version number of the GNU C library.
?S: It is usually something like '2.2.5'. It is a plain " if this
?S: is not the GNU C library, or if the version is unknown.
?S:.
?C:HAS_GNULIBC:
?C: This symbol, if defined, indicates to the C program that
?C: the GNU C library is being used. A better check is to use
?C: the __GLIBC__ and __GLIBC_MINOR__ symbols supplied with glibc.
?C:.
?H:#$d_gnulibc HAS_GNULIBC /**/

```

```

?H:%<:#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)
?H:%<:# define _GNU_SOURCE
?H:%<:#endif
?H:.
?F:!glibc.ver !try
?LINT: set d_gnulibc
?X: gnulibc can be executed by calling __libc_main().
?X: Ulrich Drepper doesn't think any other libc does that,
?X: but we check if it says 'GNU C Library' to be sure.
?X:
?X: Alas, as of 3/1998 glibc 2.0.7 reportedly isn't going to
?X: have __libc_main() anymore. :-(. Fortunately, all released
?X: versions of glibc 2.x.x _do_ have CPP variables. For 2.0.6,
?X: they are:
?X: #define __GLIBC__ 2
?X: #define __GLIBC_MINOR__ 0.
?X: (The '6' isn't available :-(.
?X: glibc2.1 will also have
?X: extern const char * __gnu_get_libc_release(void);
?X: extern const char * __gnu_get_libc_version(void);
?X: functions. --thanks to Andreas Jaeger. --AD 6/1998.
?X: Although the exact format isn't documented, __gnu_get_libc_version()
?X: returns a simple string '2.1.3' in glibc 2.1.3.
?X:
: Check if we are using the GNU C library
echo " "
echo "Checking for GNU C Library..." >&4
cat >try.c <<'EOCP'
/* Find out version of GNU C library. __GLIBC__ and __GLIBC_MINOR__
   alone are insufficient to distinguish different versions, such as
   2.0.6 and 2.0.7. The function gnu_get_libc_version() appeared in
   libc version 2.1.0. A. Dougherty, June 3, 2002.
*/
#include <stdio.h>
int main(void)
{
#ifdef __GLIBC__
# ifdef __GLIBC_MINOR__
#   if __GLIBC__ >= 2 && __GLIBC_MINOR__ >= 1 && !defined(__cplusplus)
#       include <gnu/libc-version.h>
printf("%s\n", gnu_get_libc_version());
#   else
printf("%d.%d\n", __GLIBC__, __GLIBC_MINOR__);
#   endif
# else
printf("%d\n", __GLIBC__);
# endif
return 0;

```

```

#else
    return 1;
#endif
}
EOCP
set try
if eval $compile_ok && $run ./try > glibc.ver; then
    val="$define"
    gnulibc_version=`$cat glibc.ver`
    echo "You are using the GNU C Library version $gnulibc_version"
else
    val="$undef"
    gnulibc_version=""
    echo "You are not using the GNU C Library"
fi
$rm_try glibc.ver
set d_gnulibc
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_gnulibc.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: archlib.U,v 3.1 1999/07/08 18:32:29 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: archlib.U,v \$

?RCS: Revision 3.1 1999/07/08 18:32:29 doughera

?RCS: Updated for perl5.005\_5x

?RCS:

?RCS:

?RCS: Revision 3.0.1.4 1995/09/25 09:15:18 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.3 1995/02/15 14:14:14 ram

?RCS: patch51: architecture name is now computed by a separate unit

?RCS:

?RCS: Revision 3.0.1.2 1995/01/30 14:32:22 ram  
?RCS: patch49: archname is now systematically recomputed  
?RCS: patch49: can now handle installation prefix changes (from WED)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/10/29 16:02:36 ram  
?RCS: patch36: created by ADO  
?RCS:  
?MAKE:d\_archlib archlib archlibexp installarchlib: \  
cat Getfile Setprefixvar Loc Oldconfig archname spackage \  
privlib sed test Prefixit Prefixup binexp  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:d\_archlib:  
?S: This variable conditionally defines ARCHLIB to hold the pathname  
?S: of architecture-dependent library files for \$package. If  
?S: \$archlib is the same as \$privlib, then this is set to undef.  
?S:.  
?D:archlib="  
?S:archlib:  
?S: This variable holds the name of the directory in which the user wants  
?S: to put architecture-dependent public library files for \$package.  
?S: It is most often a local directory such as /usr/local/lib.  
?S: Programs using this variable must be prepared to deal  
?S: with filename expansion.  
?S:.  
?D:archlibexp="  
?S:archlibexp:  
?S: This variable is the same as the archlib variable, but is  
?S: filename expanded at configuration time, for convenient use.  
?S:.  
?D:installarchlib="  
?S:installarchlib:  
?S: This variable is really the same as archlibexp but may differ on  
?S: those systems using AFS. For extra portability, only this variable  
?S: should be used in makefiles.  
?S:.  
?C:ARCHLIB:  
?C: This variable, if defined, holds the name of the directory in  
?C: which the user wants to put architecture-dependent public  
?C: library files for \$package. It is most often a local directory  
?C: such as /usr/local/lib. Programs using this variable must be  
?C: prepared to deal with filename expansion. If ARCHLIB is the  
?C: same as PRIVLIB, it is not defined, since presumably the  
?C: program already searches PRIVLIB.  
?C:.  
?C:ARCHLIB\_EXP:  
?C: This symbol contains the ~name expanded version of ARCHLIB, to be used  
?C: in programs that are not prepared to deal with ~ expansion at run-time.

```

?C:.
?H:#$d_archlib ARCHLIB "$sarchlib" /**/
?H:#$d_archlib ARCHLIB_EXP "$sarchlibexp" /**/
?H:.
?T: tdfit
?LINT:change prefixvar
?LINT:set archlib
?LINT:set archlibexp
?LINT:set installarchlib
: determine where public architecture dependent libraries go
set archlib archlib
eval $prefixit
: privlib default is /usr/local/lib/$package/$version
: archlib default is /usr/local/lib/$package/$version/$sarchname
: privlib may have an optional trailing /share.
tdfit=`echo $privlib | $sed 's,/share$,,'`
tdfit=${tdfit/$sarchname
case "$sarchlib" in
") dfit=${tdfit}
;;
*) dfit="$sarchlib"
;;
esac
$cat <<EOM

```

\$package contains architecture-dependent library files. If you are sharing libraries in a heterogeneous environment, you might store these files in a separate location. Otherwise, you can just include them with the rest of the public library files.

```

EOM
?X: Force dependency on bin.U
fn=$binexp
fn=d+~
rp='Where do you want to put the public architecture-dependent libraries?'
./getfile
prefixvar=archlib
./setprefixvar
if $test X"$sarchlib" = X"$privlib"; then
d_archlib="$undef"
else
d_archlib="$define"
fi

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/archlib.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pipe.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_pipe.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:11:44 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_pipe: Inlibc
?MAKE: -pick add $@ %<
?S:d_pipe:
?S: This variable conditionally defines the HAS_PIPE symbol, which
?S: indicates to the C program that the pipe() routine is available
?S: to create an inter-process channel.
?S:.
?C:HAS_PIPE :
?C: This symbol, if defined, indicates that the pipe routine is
?C: available to create an inter-process channel.
?C:.
?H:#$d_pipe HAS_PIPE /**/
?H:.
?LINT:set d_pipe
: see if pipe exists
set pipe d_pipe
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pipe.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
```

```

?MAKE:usesocks: Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?Y:TOP
?S:usesocks:
?S: This variable conditionally defines the USE_SOCKS symbol,
?S: and indicates that Perl should be built to use SOCKS.
?S:.
?C:USE_SOCKS:
?C: This symbol, if defined, indicates that Perl should
?C: be built to use socks.
?C:.
?H:?%<:#ifndef USE_SOCKS
?H:?%<:#$usesocks USE_SOCKS /**/
?H:?%<:#endif
?H:.
?LINT:set usesocks
?INIT:: set usesocks on the Configure command line to enable socks.
: Check is we will use socks
?X: We should really have some explanatory text here, and some
?X: automatic setting of sensible defaults.
case "$usesocks" in
$define|true|[yY]*) dflt='y';
*) dflt='n';;
esac
cat <<EOM

```

Perl can be built to use the SOCKS proxy protocol library. To do so, Configure must be run with `-Dusesocks`. If you use SOCKS you also need to use the PerlIO abstraction layer, this will be implicitly selected.

If this doesn't make any sense to you, just accept the default '\$dflt'.

EOM

```

rp='Build Perl for SOCKS?'
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
set usesocks
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usesocks.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_strerror.U,v 3.0.1.3 1994/05/13 15:20:27 ram Exp $

```

```

?RCS:

```



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?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d\_strerror.U,v \$

?RCS: Revision 3.0.1.3 1994/05/13 15:20:27 ram

?RCS: patch27: now uses new macro support for cleaner Strerror def

?RCS:

?RCS: Revision 3.0.1.2 1994/05/06 14:58:26 ram

?RCS: patch23: renamed strerror into Strerror to protect name space (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/01/24 14:08:56 ram

?RCS: patch16: protected code looking for sys\_errnolist[] with @if

?RCS: patch16: added default value for d\_syserrlst

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:35 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_syserrlst d\_syserrlst: Csym Findhdr

?MAKE: -pick add \$@ %<

?S:d\_syserrlst:

?S: This variable conditionally defines HAS\_SYS\_ERRLIST if sys\_errlist[] is  
?S: available to translate error numbers to strings.

?S:.

?S:d\_syserrlst:

?S: This variable conditionally defines HAS\_SYS\_ERRNOLIST if sys\_errnolist[]  
?S: is available to translate error numbers to the symbolic name.

?S:.

?C:HAS\_SYS\_ERRLIST (SYSERRLIST):

?C: This symbol, if defined, indicates that the sys\_errlist array is  
?C: available to translate error numbers to strings. The extern int  
?C: sys\_nerr gives the size of that table.

?C:.

?C:HAS\_SYS\_ERRNOLIST (SYSERRNOLIST):

?C: This symbol, if defined, indicates that the sys\_errnolist array is  
?C: available to translate an errno code into its symbolic name (e.g.  
?C: ENOENT). The extern int sys\_nerrno gives the size of that table.

?C:.

?H:#\$d\_syserrlst HAS\_SYS\_ERRLIST /\*\*/  
?H:#\$d\_syserrlst HAS\_SYS\_ERRNOLIST /\*\*/  
?H:.

?D:d\_syserrlst=""

?T:val

: see if sys\_errlist[] exists

```

echo " "
if test "X$d_syserrlst" = X; then
if set sys_errlst val -a d_syserrlst; eval $csym; $val; then
echo "You have sys_errlst[], so we could roll our own strerror."
d_syserrlst="$define"
else
echo "You don't have sys_errlst[], so strerror() is welcome."
d_syserrlst="$undef"
fi
fi
@if d_syserrlst || HAS_SYS_ERRNOLIST
if set sys_errnolist val -a d_syserrlst; eval $csym; $val; then
echo "(Symbolic error codes can be fetched via the sys_errnolist[] array.)"
d_syserrlst="$define"
else
echo "(However, I can't extract the symbolic error code out of errno.)"
d_syserrlst="$undef"
fi
@end

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_strerror.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: dlsrc.U,v\$

?RCS:

?RCS: Copyright (c) 1996-1998, Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: dlex.t.U,v \$

?RCS:

?X: hpux support thanks to Jeff Okamoto <okamoto@hpcc101.corp.hp.com>

?X:

?X: To create a shared library, you must compile ALL source files in the

?X: library with +z (or possibly +Z if the library is whopping huge),

?X: then link the library with -b. Example:

?X: cc -c +z module\_a.c

?X: cc -c +z module\_b.c

?X: ld -b module\_a.o module\_b.o -o module.sl

?X:

?MAKE:dlex.t: \

Getfile Myread cat usedl so

?MAKE: -pick add \$@ %<

?Y:BOTTOM

?S:dlex.t:

?S: This variable contains the extension that is to be used for the

?S: dynamically loaded modules that perl generates.

?S:.

: Check what extension to use for shared libs

```
case "$usedl" in
```

```
$define|y|true)
```

```
$cat << EOM
```

On a few systems, the dynamically loaded modules that perl generates and uses will need a different extension than shared libs. The default will probably be appropriate.

EOM

```
case "$dlex" in
```

```
") dflt="$so" ;;
```

```
*) dflt="$dlex" ;;
```

```
esac
```

```
rp='What is the extension of dynamically loaded modules'
```

```
. ./myread
```

```
dlex="$ans"
```

```
::
```

```
*)
```

```
dlex="none"
```

```
::
```

```
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/dlex.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2003 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_ilogbl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_ilogbl:

?S: This variable conditionally defines the HAS\_ILOGBL symbol, which

?S: indicates to the C program that the ilogbl() routine is available

?S: for extracting the exponent of long double x as a signed integer.

?S: If scalbnl is also present we can emulate frexpl.

?S:.

?C:HAS\_ILOGBL:

?C: This symbol, if defined, indicates that the ilogbl routine is

?C: available. If scalbnl is also present we can emulate frexpl.

?C:.

?H:#\$d\_ilogbl HAS\_ILOGBL /\*\*/

?H:.

?LINT:set d\_ilogbl

: see if ilogbl exists

set ilogbl d\_ilogbl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_ilogbl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_sresuproto: Hasproto i\_unistd

?MAKE: -pick add \$@ %<

?S:d\_sresuproto:

?S: This variable conditionally defines the HAS\_SETRESUID\_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the setresuid() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS\_SETRESUID\_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the setresuid() function. Otherwise, it is up

?C: to the program to supply one. Good guesses are

?C: extern int setresuid(uid\_t ruid, uid\_t euid, uid\_t suid);

?C:.

?H:#\$d\_sresuproto HAS\_SETRESUID\_PROTO /\*\*/

?H:.

?LINT:set d\_sresuproto

: see if prototype for setresuid is available

echo " "

set d\_sresuproto setresuid \$i\_unistd unistd.h

eval \$hasproto

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d\_sresuproto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_sendmsg: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_sendmsg:

?S: This variable conditionally defines the HAS\_SENDMSG symbol, which

?S: indicates to the C program that the sendmsg() routine is available.

?S:.

?C:HAS\_SENDMSG:

?C: This symbol, if defined, indicates that the sendmsg routine is

?C: available to send structured socket messages.

?C:.

?H:#\$d\_sendmsg HAS\_SENDMSG /\*\*/

?H:.

?LINT:set d\_sendmsg

: see if sendmsg exists

set sendmsg d\_sendmsg

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d\_sendmsg.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setregid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_setregid.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:12 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_setregid d\_setresgid: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_setregid:

?S: This variable conditionally defines HAS\_SETREGID if setregid() is

?S: available to change the real and effective gid of the current

?S: process.

?S:.

?S:d\_setresgid:

?S: This variable conditionally defines HAS\_SETRESGID if setresgid() is

?S: available to change the real, effective and saved gid of the current

?S: process.

?S:.

?C:HAS\_SETREGID (SETREGID):

?C: This symbol, if defined, indicates that the setregid routine is

?C: available to change the real and effective gid of the current

?C: process.

?C:.

?C:HAS\_SETRESGID (SETRESGID):

?C: This symbol, if defined, indicates that the setresgid routine is

?C: available to change the real, effective and saved gid of the current

?C: process.

?C:.

?H:#\$d\_setregid HAS\_SETREGID /\*\*/

?H:#\$d\_setresgid HAS\_SETRESGID /\*\*/

?H:.

?LINT: set d\_setregid d\_setresgid

: see if setregid exists

set setregid d\_setregid

eval \$inlibc

set setresgid d\_setresgid

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setregid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_ustat.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_ustat: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_ustat:

?S: This variable conditionally defines the I\_USTAT symbol, and indicates

?S: whether a C program should include <ustat.h>.

?S:.

?C:I\_USTAT:  
?C: This symbol, if defined, indicates that <ustat.h> exists and  
?C: should be included.  
?C:.  
?H:#\$i\_ustat I\_USTAT /\*\*/  
?H:.  
?LINT:set i\_ustat  
: see if this is a ustat.h system  
set ustat.h i\_ustat  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_ustat.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 2000 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_class: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_class:  
?S: This variable conditionally defines the HAS\_CLASS symbol, which  
?S: indicates to the C program that the class() routine is available.  
?S:.  
?C:HAS\_CLASS:  
?C: This symbol, if defined, indicates that the class routine is  
?C: available to classify doubles. Available for example in AIX.  
?C: The returned values are defined in <float.h> and are:  
?C:  
?C: FP\_PLUS\_NORM Positive normalized, nonzero  
?C: FP\_MINUS\_NORM Negative normalized, nonzero  
?C: FP\_PLUS\_DENORM Positive denormalized, nonzero  
?C: FP\_MINUS\_DENORM Negative denormalized, nonzero  
?C: FP\_PLUS\_ZERO +0.0  
?C: FP\_MINUS\_ZERO -0.0  
?C: FP\_PLUS\_INF +INF  
?C: FP\_MINUS\_INF -INF  
?C: FP\_NANS Signaling Not a Number (NaNS)  
?C: FP\_NANQ Quiet Not a Number (NaNQ)  
?C:.  
?H:#\$d\_class HAS\_CLASS /\*\*/  
?H:.  
?LINT:set d\_class

: see if class exists

set class d\_class

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_class.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_htonl.U,v \$

?RCS: Revision 3.0.1.2 1994/08/29 16:09:25 ram

?RCS: patch32: now properly handles htonl() and friends when macros (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 14:45:00 ram

?RCS: patch23: now also check for htonl() macro (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:22 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_htonl: Inlibc Setvar i\_niin i\_sysin cat rm contains \

cppstdin cppflags cppminus

?MAKE: -pick add \$@ %<

?S:d\_htonl:

?S: This variable conditionally defines HAS\_HTONL if htonl() and its

?S: friends are available to do network order byte swapping.

?S:.

?C:HAS\_HTONL (HTONL):

?C: This symbol, if defined, indicates that the htonl() routine (and

?C: friends htons() ntohl() ntohs()) are available to do network

?C: order byte swapping.

?C:.

?C:HAS\_HTONS (HTONS):

?C: This symbol, if defined, indicates that the htons() routine (and

?C: friends htonl() ntohl() ntohs()) are available to do network

?C: order byte swapping.

?C:.

?C:HAS\_NTOHL (NTOHL):

?C: This symbol, if defined, indicates that the ntohl() routine (and



?C: friends htonl() htons() ntohs()) are available to do network

?C: order byte swapping.

?C:.

?C:HAS\_NTOHS (NTOHS):

?C: This symbol, if defined, indicates that the ntohs() routine (and

?C: friends htonl() htons() ntohl()) are available to do network

?C: order byte swapping.

?C:.

?H:#\$d\_htonl HAS\_HTONL /\*\*/

?H:#\$d\_htonl HAS\_HTONS /\*\*/

?H:#\$d\_htonl HAS\_NTOHL /\*\*/

?H:#\$d\_htonl HAS\_NTOHS /\*\*/

?H:.

?F:!htonl.c

?LINT:set d\_htonl

: see if htonl --and friends-- exists

val="

set htonl val

eval \$inlibc

: Maybe they are macros.

case "\$val" in

\$undef)

\$cat >htonl.c <<EOM

#include <stdio.h>

#include <sys/types.h>

#\$i\_niin I\_NETINET\_IN

#\$i\_sysin I\_SYS\_IN

#ifdef I\_NETINET\_IN

#include <netinet/in.h>

#endif

#ifdef I\_SYS\_IN

#include <sys/in.h>

#endif

#ifdef htonl

printf("Defined as a macro.");

#endif

EOM

\$cppstdin \$cppflags \$cppminus < htonl.c >htonl.E 2>/dev/null

if \$contains 'Defined as a macro' htonl.E >/dev/null 2>&1; then

val="\$define"

echo "But it seems to be defined as a macro." >&4

fi

\$rm -f htonl.?

::

esac

set d\_htonl

eval \$setvar

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_htonl.U

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d\_closedir.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:31:26 ram

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:11:18 ram

?RCS: patch36: added 'ldflags' to the test compile line (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:07:21 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d\_closedir d\_void\_closedir: Inlibc i\_dirent i\_sysdir i\_sysndir \

cc ccflags ldflags libs Setvar rm

?MAKE: -pick add \$@ %<

?S:d\_closedir:

?S: This variable conditionally defines HAS\_CLOSEDIR if closedir() is

?S: available.

?S:.

?C:HAS\_CLOSEDIR:

?C: This symbol, if defined, indicates that the closedir() routine is

?C: available.

?C:.

?H:#\$d\_closedir HAS\_CLOSEDIR /\*\*/

?H:.

?S:d\_void\_closedir:

?S: This variable conditionally defines VOID\_CLOSEDIR if closedir()

?S: does not return a value.

?S:.

?C:VOID\_CLOSEDIR:

?C: This symbol, if defined, indicates that the closedir() routine

?C: does not return a value.

```

?C:.
?H:#$d_void_closedir VOID_CLOSEDIR /**/
?H:.
?F:!closedir
?LINT:set d_closedir d_void_closedir
: see if closedir exists
set closedir d_closedir
eval $inlibc

@if VOID_CLOSEDIR || d_void_closedir
?X: The following contortions are designed so we can call closedir()
?X: and check whether it returns a value. The contortions are designed
?X: to portably pick up the correct directory header, for those
?X: systems that support various mutually incompatible directory functions.
?X: This is from perl5's perl.h
case "$d_closedir" in
"$define")
echo " "
echo "Checking whether closedir() returns a status..." >&4
cat > closedir.c <<EOM
#$i_dirent I_DIRENT /**/
#$i_sysdir I_SYS_DIR /**/
#$i_sysndir I_SYS_NDIR /**/

#if defined(I_DIRENT)
#include <dirent.h>
#if defined(NeXT) && defined(I_SYS_DIR) /* NeXT needs dirent + sys/dir.h */
#include <sys/dir.h>
#endif
#else
#ifdef I_SYS_NDIR
#include <sys/ndir.h>
#else
#ifdef I_SYS_DIR
#ifdef hp9000s500
#include <ndir.h> /* may be wrong in the future */
#else
#include <sys/dir.h>
#endif
#endif
#endif
#endif
int main() { return closedir(opendir(".")); }
EOM
if $cc $cflags $ldflags -o closedir closedir.c $libs > /dev/null 2>&1; then
if ./closedir > /dev/null 2>&1 ; then
echo "Yes, it does."
val="$undef"

```

```

else
  echo "No, it doesn't."
  val="$define"
fi
else
  echo "(I can't seem to compile the test program--assuming it doesn't)"
  val="$define"
fi
;;
*)
  val="$undef";
;;
esac
set d_void_closedir
eval $setvar
$rm -f closedir*
@end

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_closedir.U
```

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?RCS:

?RCS: \$Log: Oldconfig.U,v \$

?RCS: Revision 3.0.1.10 1997/02/28 15:06:39 ram

?RCS: patch61: added support for src.U

?RCS: patch61: new OSNAME define

?RCS: patch61: can now sense new OSes

?RCS:

?RCS: Revision 3.0.1.9 1995/07/25 13:40:51 ram

?RCS: patch56: now knows about OS/2 platforms

?RCS:

?RCS: Revision 3.0.1.8 1995/05/12 12:04:18 ram

?RCS: patch54: config.sh reload logic now knows about new -K switch

?RCS: patch54: cleaned up and extended osvers for DEC OSF/1 (ADO)

?RCS: patch54: added MachTen detection (ADO)

?RCS:

?RCS: Revision 3.0.1.7 1995/02/15 14:13:41 ram

?RCS: patch51: adapted osvers computation for AIX (ADO)  
?RCS:  
?RCS: Revision 3.0.1.6 1995/01/30 14:27:15 ram  
?RCS: patch49: unit Options.U now exports file optdef.sh, not a variable  
?RCS: patch49: update code for myuname changed (WED)  
?RCS:  
?RCS: Revision 3.0.1.5 1995/01/11 15:15:36 ram  
?RCS: patch45: added quotes around the INITPROG variable (ADO)  
?RCS: patch45: allows variable overriding after config file loading  
?RCS:  
?RCS: Revision 3.0.1.4 1994/10/29 15:57:05 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS: patch36: merged with the version used for perl5's Configure (ADO)  
?RCS:  
?RCS: Revision 3.0.1.3 1994/05/06 14:24:17 ram  
?RCS: patch23: added support for osf1 hints  
?RCS: patch23: new support for solaris and i386 systems (ADO)  
?RCS:  
?RCS: Revision 3.0.1.2 1994/01/24 14:05:02 ram  
?RCS: patch16: added post-processing on myuname for Xenix targets  
?RCS: patch16: message proposing config.sh defaults made consistent  
?RCS:  
?RCS: Revision 3.0.1.1 1993/09/13 15:56:32 ram  
?RCS: patch10: force use of config.sh when -d option is used (WAD)  
?RCS: patch10: complain about non-existent hint files (WAD)  
?RCS: patch10: added Options dependency for fastread variable  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:12 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit tries to remember what we did last time we ran Configure, mostly  
?X: for the sake of setting defaults.  
?X:  
?MAKE:Oldconfig hint myuname osname osvers: Instruct Myread Checkcc \  
Mksymlinks Loc Options Tr src trnl ln uname sh awk sed test cat grep \  
rm lns tr n c contains targetarch  
?MAKE: -pick wipe \$@ %<  
?S:myuname:  
?S: The output of 'uname -a' if available, otherwise the hostname. On Xenix,  
?S: pseudo variables assignments in the output are stripped, thank you. The  
?S: whole thing is then lower-cased.  
?S:.  
?S:hint:  
?S: Gives the type of hints used for previous answers. May be one of  
?S: "default", "recommended" or "previous".  
?S:.  
?S:osname:

?S: This variable contains the operating system name (e.g. sunos,  
?solaris, hpux, etc.). It can be useful later on for setting  
?defaults. Any spaces are replaced with underscores. It is set  
?to a null string if we can't figure it out.  
?S:.  
?S:osvers:  
?S: This variable contains the operating system version (e.g.  
?4.1.3, 5.2, etc.). It is primarily used for helping select  
?an appropriate hints file, but might be useful elsewhere for  
?setting defaults. It is set to " if we can't figure it out.  
?S: We try to be flexible about how much of the version number  
?to keep, e.g. if 4.1.1, 4.1.2, and 4.1.3 are essentially the  
?same for this package, hints files might just be os\_4.0 or  
?os\_4.1, etc., not keeping separate files for each little release.  
?S:.  
?C:OSNAME:  
?C: This symbol contains the name of the operating system, as determined  
?by Configure. You shouldn't rely on it too much; the specific  
?feature tests from Configure are generally more reliable.  
?C:.  
?C:OSVERS:  
?C: This symbol contains the version of the operating system, as determined  
?by Configure. You shouldn't rely on it too much; the specific  
?feature tests from Configure are generally more reliable.  
?C:.  
?H:#define OSNAME "\$osname" /\*\*/  
?H:#define OSVERS "\$osvers" /\*\*/  
?H:.  
?F:!config.sh  
?T:tmp tmp\_n tmp\_c tmp\_sh file  
?T:xxxxfile xxxfile xxfile xfile hintfile newmyuname  
?T:tans \_ isesix INITPROG DJGPP has\_uname  
?D:osname="  
?LINT:change n c sh  
?LINT:extern hostarch  
?LINT:change hostarch  
?: Determine the name of the machine  
myuname=`\$uname -a 2>/dev/null`  
\$test -z "\$myuname" && myuname=`hostname 2>/dev/null`  
?X: Special mention for Xenix, whose 'uname -a' gives us output like this:  
?X: sysname=XENIX  
?X: nodename=whatever  
?X: release=2.3.2 .. etc...  
?X: Therefore, we strip all this variable assignment junk and remove all the  
?new lines to keep the myuname variable sane... --RAM  
myuname=`echo \$myuname | \$sed -e 's/^[^=]\*=/' -e 's/\\//g' | \  
./tr '[A-Z]' '[a-z]' | \$tr \$trnl ' '`  
?X: Save the value we just computed to reset myuname after we get done here.

```

newmyuname="$myuname"
$test -f "$uname$_exe" && has_uname=y

: Guessing of the OS name -- half the following guesses are probably wrong...
: If you have better tests or hints, please send them to the metaconfig
: authors and to <MAINTLOC>
$test -f /irix && osname=irix
$test -f /xenix && osname=sco_xenix
$test -f /dynix && osname=dynix
$test -f /dnix && osname=dnix
$test -f /lynx.os && osname=lynxos
$test -f /unicos && osname=unicos && osvers=`$uname -r`
$test -f /unicosmk && osname=unicosmk && osvers=`$uname -r`
$test -f /unicosmk.ar && osname=unicosmk && osvers=`$uname -r`
$test -f /bin/mips && /bin/mips && osname=mips
$test -d /NextApps && set X `hostinfo | $grep 'NeXT Mach.*:' | \
  $sed -e 's:/:/' -e 's/\./_/' && osname=next && osvers=$4
$test -d /usr/apollo/bin && osname=apollo
$test -f /etc/saf/_sactab && osname=svr4
$test -d /usr/include/minix && osname=minix
$test -f /system/gnu_library/bin/ar.pm && osname=vos
if $test -d /MachTen -o -d /MachTen_Folder; then
?X: MachTen uname -a output looks like
?X: xxx 4 0.0 Macintosh
?X: MachTen /sbin/version output looks like
?X: MachTen 4.0 Mon Aug 28 10:18:00 1995
?X: MachTen 3.x had the 'version' command in /usr/etc/version.
osname=machten
if $test -x /sbin/version; then
osvers=`/sbin/version | $awk '{print $2}' |
  $sed -e 's/[A-Za-z]$//`
elif $test -x /usr/etc/version; then
osvers=`/usr/etc/version | $awk '{print $2}' |
  $sed -e 's/[A-Za-z]$//`
else
osvers="$2.$3"
fi
fi
$test -f /sys/posix.dll &&
$test -f /usr/bin/what &&
set X `usr/bin/what /sys/posix.dll` &&
$test "$3" = UWIN &&
osname=uwin &&
osvers="$5"
?X: If we have uname, we already computed a suitable uname -a output, correctly
?X: formatted for Xenix, and it lies in $myuname.
if $test "X$has_uname" != X; then
set X $myuname

```

```

shift
case "$5" in
fps*) osname=fps ;;
mips*)
case "$4" in
umips) osname=umips ;;
*) osname=mips ;;
esac;;
[23]100) osname=mips ;;
next*) osname=next ;;
?X: Interactive Unix.
i386*)
tmp=`/bin/uname -X 2>/dev/null|awk '/3\.2v[45]/{ print $(NF) }`
if $test "$tmp" != "" -a "$3" = "3.2" -a -f /etc/systemid; then
osname='sco'
osvers=$tmp
elif $test -f /etc/kconfig; then
osname=isc
if $test "$lns" = "$ln -s"; then
osvers=4
elif $contains _SYSV3 /usr/include/stdio.h > /dev/null 2>&1 ; then
osvers=3
elif $contains _POSIX_SOURCE /usr/include/stdio.h > /dev/null 2>&1 ; then
osvers=2
fi
fi
tmp=""
;;
?X: MS-DOS djgpp uname -a output looks like:
?X: ms-dos xxx 6 22 pc
?X: $1 is the "dos flavor" (need not be "ms-dos").
?X: $2 is the node name
?X: $3 and $4 are version/subversion
?X: $5 is always "pc", but that might not be unique to DJGPP.
?X: (e.g. Solaris_x86 has $5 = i86pc, which doesn't actually conflict,
?X: but it's close enough that I can easily imagine other vendors also
?X: using variants of pc* in $5.)
?X: The "DJGPP" environment variable is always set when djgpp is active.
pc*)
if $test -n "$DJGPP"; then
osname=dos
osvers=djgpp
fi
;;
esac
case "$1" in
aix) osname=aix
?X: aix 4.1 uname -a output looks like

```



?X: AIX foo 1 4 000123456789

?X: where \$4 is the major release number and \$3 is the (minor) version.

?X: More detail on the version is available with the oslevel command.

?X: in 3.2.x, it output a string (see case statements below). In 4.1,

?X: it puts out something like 4.1.1.0

```
tmp=`( oslevel) 2>/dev/null || echo "not found") 2>&1`
```

```
case "$tmp" in
```

```
'not found') osvers="$4"."$3" ;;
```

```
'<3240'|<>3240') osvers=3.2.0 ;;
```

```
'=3240'|>3240'|<3250'|<>3250') osvers=3.2.4 ;;
```

```
'=3250'|>3250') osvers=3.2.5 ;;
```

```
*) osvers=$tmp;;
```

```
esac
```

```
;;
```

```
bsd386) osname=bsd386
```

```
osvers=`$uname -r`
```

```
;;
```

```
cygwin*) osname=cygwin
```

```
osvers="$3"
```

```
;;
```

```
*dc.osx) osname=dcosx
```

```
osvers="$3"
```

```
;;
```

```
dnix) osname=dnix
```

```
osvers="$3"
```

```
;;
```

```
domainos) osname=apollo
```

```
osvers="$3"
```

```
;;
```

```
dgux) osname=dgux
```

```
osvers="$3"
```

```
;;
```

?X: uname -a returns

?X: DYNIX/ptx xxx 4.0 V4.1.2 i386

```
dynixptx*) osname=dynixptx
```

```
osvers=`echo "$4"|sed 's/^v//`
```

```
;;
```

```
freebsd) osname=freebsd
```

```
osvers="$3" ;;
```

```
genix) osname=genix ;;
```

?X: HP-UX uname -a gives something like

?X: HP-UX foobar B.10.20 A 9000/735 2016483812 two-user license

?X: Preserve the full 10.20 string instead of the previous plain '10'.

?X: Thanks to Graham Barr. --AD 6/30/1998

```
hp*) osname=hpux
```

```
osvers=`echo "$3" | $sed 's,.*\.[0-9]*\.[0-9]*\),\1,`
```

```
;;
```

```
irix*) osname=irix
```

```

case "$3" in
4*) osvers=4 ;;
5*) osvers=5 ;;
*) osvers="$3" ;;
esac
;;
linux) osname=linux
case "$3" in
*) osvers="$3" ;;
esac
;;
MiNT) osname=mint
;;
netbsd*) osname=netbsd
osvers="$3"
;;
news-os) osvers="$3"
case "$3" in
4*) osname=newsos4 ;;
*) osname=newsos ;;
esac
;;
next*) osname=next ;;
nonstop-ux) osname=nonstopux ;;
openbsd) osname=openbsd
osvers="$3"
;;
POSIX-BC | posix-bc ) osname=posix-bc
osvers="$3"
;;
powerux | power_ux | powermax_os | powermaxos | \
powerunix | power_unix) osname=powerux
osvers="$3"
;;
qnx) osname=qnx
osvers="$4"
;;
solaris) osname=solaris
case "$3" in
5*) osvers=`echo $3 | $sed 's/^5/2/g'` ;;
*) osvers="$3" ;;
esac
;;
sunos) osname=sunos
case "$3" in
5*) osname=solaris
osvers=`echo $3 | $sed 's/^5/2/g'` ;;
*) osvers="$3" ;;

```

```

esac
;;
titanos) osname=titanos
case "$3" in
1*) osvers=1 ;;
2*) osvers=2 ;;
3*) osvers=3 ;;
4*) osvers=4 ;;
*) osvers="$3" ;;
esac
;;
ultrix) osname=ultrix
osvers="$3"
;;
osf1|m1s+) case "$5" in
alpha)
?X: DEC OSF/1 myuname -a output looks like: osf1 xxxx t3.2 123.4 alpha
?X: where the version number can be something like [xvt]n.n
osname=dec_osf
?X: sizer knows the minor minor version: the letter
osvers=`sizer -v | awk '{print $3}' | \
.tr '[A-Z]' '[a-z]' | sed 's/^[xvt]//'^
case "$osvers" in
[1-9].[0-9]*) ;;
*) osvers=`echo "$3" | sed 's/^[xvt]//'^ ;;
esac
;;
hp*) osname=hp_osf1 ;;
mips) osname=mips_osf1 ;;
?X: hp and mips were unsupported Technology Releases -- ADO, 24/10/94
esac
;;
unixware) osname=svr5
osvers="$4"
;;
uts) osname=uts
osvers="$3"
;;
vos) osvers="$3"
;;
$2) case "$osname" in
*isc*) ;;
*freebsd*) ;;
svr*)
: svr4.x or possibly later
case "svr$3" in
${osname}*)
osname=svr$3

```

```

osvers=$4
;;
esac
case "$osname" in
svr4.0)
: Check for ESIX
if $test -f /stand/boot ; then
eval `$grep '^INITPROG=[a-z/0-9]*$' /stand/boot`
if $test -n "$INITPROG" -a -f "$INITPROG"; then
isesix=`strings -a $INITPROG | \
$grep 'ESIX SYSTEM V/386 Release 4.0`
if $test -n "$isesix"; then
osname=esix4
fi
fi
fi
;;
esac
;;
*) if $test -f /etc/systemid; then
osname=sco
set `echo $3 | $sed 's/./ /g` $4
if $test -f $src/hints/sco_$1_$2_$3.sh; then
osvers=$1.$2.$3
elif $test -f $src/hints/sco_$1_$2.sh; then
osvers=$1.$2
elif $test -f $src/hints/sco_$1.sh; then
osvers=$1
fi
else
case "$osname" in
") : Still unknown. Probably a generic Sys V.
osname="sysv"
osvers="$3"
;;
esac
fi
;;
esac
;;
*) case "$osname" in
") : Still unknown. Probably a generic BSD.
osname="$1"
osvers="$3"
;;
esac
;;
esac

```

```

else
?X: Try to identify sony's NEWS-OS (BSD unix)
if $test -f /vmunix -a -f $src/hints/news_os.sh; then
(what /vmunix | UU/tr '[A-Z]' '[a-z]') > UU/kernel.what 2>&1
if $contains news-os UU/kernel.what >/dev/null 2>&1; then
osname=news_os
fi
$rm -f UU/kernel.what
?X: Maybe it's OS/2 or DOS or something similar
elif $test -d c:/.; then
set X $myuname
osname=os2
osvers="$5"
fi
fi

: Try to determine whether config.sh was made on this system
case "$config_sh" in
")
?X: indentation wrong on purpose--RAM
dflt=n
case "$knowitall" in
")
if test -f ../config.sh; then
if $contains myuname= ../config.sh >/dev/null 2>&1; then
eval "$grep myuname= ../config.sh`"
fi
if test "X$myuname" = "X$newmyuname"; then
dflt=y
fi
fi
;;
*) dflt=y;;
esac

: Get old answers from config file if it was generated on the same system
hint=default
if $test -f ../config.sh; then
echo " "
rp="I see a config.sh file. Shall I use it to set the defaults?"
./myread
case "$ans" in
n*|N*) echo "OK, I'll ignore it."
mv ../config.sh ../config.sh.old
myuname="$newmyuname"
;;
*) echo "Fetching default answers from your old config.sh file..." >&4
tmp_n="$n"

```

```

tmp_c="$c"
tmp_sh="$sh"
.../config.sh
cp ../config.sh .
n="$tmp_n"
c="$tmp_c"
hint=previous
;;
esac
fi
?X: remember, case indentation is wrong--RAM
;;
*)
echo " "
echo "Fetching default answers from $config_sh..." >&4
tmp_n="$n"
tmp_c="$c"
tmp_sh="$sh"
cd ..
?X: preserve symbolic links, if any
cp $config_sh config.sh 2>/dev/null
chmod +w config.sh
. ./config.sh
cd UU
cp ../config.sh .
n="$tmp_n"
c="$tmp_c"
hint=previous
;;
esac
?X: Older versions did not always set $sh.
case "$sh" in
") sh="$tmp_sh" ;;
esac
$test "$Soverride" && . ./optdef.sh

: Restore computed paths
for file in $loclist $strylist; do
eval $file="\$_$file"
done

. ./checkcc
?X: Cross-compiling support
case "$targetarch" in
") ;;
*) hostarch=$osname
osname=`echo $targetarch|sed 's,^[^-]*-,^'`
osvers=""

```

```
;;  
esac
```

```
@if {test -d ../hints}  
: Offer them some hints based on their OS  
cd ..  
?X: Since we are now at the root of the source tree, we must use $src  
?X: to access the sources and not $src. See src.U for details...  
if $test ! -f config.sh; then  
$cat <<EOM
```

First time through, eh? I have some defaults handy for some systems that need some extra help getting the Configure answers right:

EOM

```
(cd $src/hints; ls -C *.sh) | $sed 's/\.sh/ /g' >&4  
dflt="
```

```
: Now look for a hint file osname_osvers, unless one has been  
: specified already.
```

```
case "$hintfile" in  
"| ' )  
file=`echo "${osname}_${osvers}" | $sed -e 's/\.%_%g' -e 's%_%%`  
: Also try without trailing minor version numbers.  
xfile=`echo $file | $sed -e 's%_[^_]*$%%`  
xxfile=`echo $xfile | $sed -e 's%_[^_]*$%%`  
xxxfile=`echo $xxfile | $sed -e 's%_[^_]*$%%`  
xxxxfile=`echo $xxxfile | $sed -e 's%_[^_]*$%%`  
case "$file" in  
") dflt=none ;;  
*) case "$osvers" in  
") dflt=$file  
;;  
*) if $test -f $src/hints/$file.sh ; then  
dflt=$file  
elif $test -f $src/hints/$xfile.sh ; then  
dflt=$xfile  
elif $test -f $src/hints/$xxfile.sh ; then  
dflt=$xxfile  
elif $test -f $src/hints/$xxxfile.sh ; then  
dflt=$xxxfile  
elif $test -f $src/hints/$xxxxfile.sh ; then  
dflt=$xxxxfile  
elif $test -f "$src/hints/${osname}.sh" ; then  
dflt="${osname}"  
else  
dflt=none  
fi
```

```

;;
esac
;;
esac
if $test -f Policy.sh ; then
case "$dflt" in
*Policy*) ;;
none) dflt="Policy" ;;
*) dflt="Policy $dflt" ;;
esac
fi
;;
*)
dflt=`echo $hintfile | $sed 's/\.sh$//'`
;;
esac

```

```

if $test -f Policy.sh ; then
$cat <<EOM

```

There's also a Policy hint file available, which should make the site-specific (policy) questions easier to answer.

EOM

```

fi

```

```

$cat <<EOM

```

You may give one or more space-separated answers, or "none" if appropriate. A well-behaved OS will have no hints, so answering "none" or just "Policy" is a good thing. DO NOT give a wrong version or a wrong OS.

EOM

```

rp="Which of these apply, if any?"
. UU/myread
tans=$ans
for file in $tans; do
if $test X$file = XPolicy -a -f Policy.sh; then
. Policy.sh
$cat Policy.sh >> UU/config.sh
elif $test -f $src/hints/$file.sh; then
. $src/hints/$file.sh
$cat $src/hints/$file.sh >> UU/config.sh
elif $test X"$tans" = X -o X"$tans" = Xnone ; then
: nothing
else
: Give one chance to correct a possible typo.

```



```

echo "$file.sh does not exist"
dflt=$file
rp="hint to use instead?"
. UU/myread
for file in $ans; do
if $test -f "$src/hints/$file.sh"; then
. $src/hints/$file.sh
$cat $src/hints/$file.sh >> UU/config.sh
elif $test X$ans = X -o X$ans = Xnone ; then
: nothing
else
echo "$file.sh does not exist -- ignored."
fi
done
fi
done

hint=recommended
: Remember our hint file for later.
if $test -f "$src/hints/$file.sh" ; then
hintfile="$file"
else
hintfile=""
fi
fi
cd UU
?X: From here on, we must use $src instead of $src

@end
: Process their -A options
./posthint.sh

@if osname || osvers
: Ask them to confirm the OS name
cat << EOM

```

Configure uses the operating system name and version to set some defaults. The default value is probably right if the name rings a bell. Otherwise, since spelling matters for me, either accept the default or answer "none" to leave it blank.

```

EOM
@end
@if osname
case "$osname" in
"|" )
case "$hintfile" in
"|" |none) dflt=none ;;

```

```

*) dflt=`echo $hintfile | $sed -e 's/\.sh$//' -e 's/_.*$//'^` ;;
esac
;;
*) dflt="$osname" ;;
esac
rp="Operating system name?"
./myread
case "$ans" in
none) osname="" ;;
*) osname=`echo "$ans" | $sed -e 's/[ ][ ]*/_/g' | ./tr '[A-Z]' '[a-z]'^` ;;
esac
@end
@if osvers
@if osname
echo " "
@end
case "$osvers" in
'| ')
case "$hintfile" in
'| |none) dflt=none ;;
*) dflt=`echo $hintfile | $sed -e 's/\.sh$//' -e 's/^[^_]*//'^
dflt=`echo $dflt | $sed -e 's/^[^_]*//'^ -e 's/_[^_]*//'^`
case "$dflt" in
'| ') dflt=none ;;
esac
;;
esac
;;
*) dflt="$osvers" ;;
esac
rp="Operating system version?"
./myread
case "$ans" in
none) osvers="" ;;
*) osvers="$ans" ;;
esac

@end

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Oldconfig.U

```

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?RCS:

?MAKE:d\_unsetenv: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_unsetenv:

?S: This variable conditionally defines the HAS\_UNSETENV symbol, which

?S: indicates to the C program that the unsetenv () routine is available.

?S:.

?C:HAS\_UNSETENV:

?C: This symbol, if defined, indicates that the unsetenv () routine is

?C: available for use.

?C:.

?H:#\$d\_unsetenv HAS\_UNSETENV /\*\*/

?H:.

?LINT:set d\_unsetenv

: see if unsetenv exists

set unsetenv d\_unsetenv

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_unsetenv.U

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?RCS: \$Id: i\_socks.U,v \$

?RCS:

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?RCS:

?MAKE:i\_socks: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_socks:

?S: This variable conditionally defines the I\_SOCKS symbol, and indicates

?S: whether a C program should include <socks.h>.

?S:.

?C:I\_SOCKS:

?C: This symbol, if defined, indicates that <socks.h> exists and

?C: should be included.

?C:.

?H:#\$i\_socks I\_SOCKS /\*\*/

?H:.

?LINT:set i\_socks

: see if this is a socks.h system

set socks.h i\_socks

eval \$inhdr

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_socks.U
```

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?RCS:

?MAKE:d\_memmem: Hasproto Inlibc Setvar d\_gnulibc

?MAKE: -pick add \$@ %<

?S:d\_memmem:

?S: This variable conditionally defines the HAS\_MEMMEM symbol, which

?S: indicates to the C program that the memmem() routine is available

?S: to return a pointer to the start of the first occurrence of a

?S: substring in a memory area (or NULL if not found).

?S:.

?C:HAS\_MEMMEM:

?C: This symbol, if defined, indicates that the memmem routine is

?C: available to return a pointer to the start of the first occurrence

?C: of a substring in a memory area (or NULL if not found).

?C: In glibc, memmem is a GNU extension. The function is visible in

?C: libc, but the prototype is only visible if \_GNU\_SOURCE is #defined.

?C: Thus we only define this if both the prototype and symbol are found.

?C:.

?H:#\$d\_memmem HAS\_MEMMEM /\*\*/

?H:.

?T:d\_memmem\_proto xx1 xx2 xx3 xx4

?LINT:set d\_memmem

: see if memmem exists

: We need both a prototype in string.h and the symbol in libc.

echo " "

d\_memmem\_proto="

xx1="#\$d\_gnulibc HAS\_GNULIBC"

xx2="#if defined(HAS\_GNULIBC) && !defined(\_GNU\_SOURCE)'

xx3='# define \_GNU\_SOURCE'

xx4='#endif'

set d\_memmem\_proto memmem literal "\$xx1" literal "\$xx2" literal "\$xx3" literal "\$xx4" define string.h

eval \$hasproto

case "\$d\_memmem\_proto" in

define) # see if memmem exists

set memmem d\_memmem

eval \$inlibc

::

\*) val=\$undef

set d\_memmem

eval \$setvar

::

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_memmem.U

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?RCS:

?MAKE:d\_sqrtl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_sqrtl:

?S: This variable conditionally defines the HAS\_SQRTL symbol, which

?S: indicates to the C program that the sqrtl() routine is available.

?S:.

?C:HAS\_SQRTL:

?C: This symbol, if defined, indicates that the sqrtl routine is

?C: available to do long double square roots.

?C:.

?H:#\$d\_sqrtl HAS\_SQRTL /\*\*/

?H:.

?LINT:set d\_sqrtl

: see if sqrtl exists

set sqrtl d\_sqrtl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_sqrtl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_strtok.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: d\_strtok.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:38 ram

?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: The strtok routine now appears to be a standard one, but it was  
?X: missing in early BSD systems.  
?X:  
?MAKE:d\_strtok: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_strtok:  
?S: This variable conditionally defines HAS\_STRTOK if strtok() is  
?S: available to scan strings for tokens.  
?S:.  
?C:HAS\_STRTOK (STRTOK):  
?C: This symbol, if defined, indicates that the strtok routine is  
?C: available to scan strings for tokens.  
?C:.  
?H:#\$d\_strtok HAS\_STRTOK /\*\*/  
?H:.  
?LINT:set d\_strtok  
: see if strtok exists  
set strtok d\_strtok  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_strtok.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_closedir.U,v 3.0.1.3 1997/02/28 15:31:26 ram Exp \$  
?RCS:  
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?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_closedir.U,v \$  
?RCS: Revision 3.0.1.3 1997/02/28 15:31:26 ram  
?RCS: patch61: added ?F: metalint hint  
?RCS:  
?RCS: Revision 3.0.1.2 1994/10/29 16:11:18 ram  
?RCS: patch36: added 'ldflags' to the test compile line (ADO)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/08/29 16:07:21 ram

```

?RCS: patch32: created by ADO
?RCS:
?MAKE:d_closedir d_void_closedir: Inlibc i_dirent i_sysdir i_sysndir \
i_systypes Compile Setvar rm_try run
?MAKE: -pick add $@ %<
?S:d_closedir:
?S: This variable conditionally defines HAS_CLOSEDIR if closedir() is
?S: available.
?S:.
?C:HAS_CLOSEDIR:
?C: This symbol, if defined, indicates that the closedir() routine is
?C: available.
?C:.
?H:#$d_closedir HAS_CLOSEDIR /**/
?H:.
?S:d_void_closedir:
?S: This variable conditionally defines VOID_CLOSEDIR if closedir()
?S: does not return a value.
?S:.
?C:VOID_CLOSEDIR:
?C: This symbol, if defined, indicates that the closedir() routine
?C: does not return a value.
?C:.
?H:#$d_void_closedir VOID_CLOSEDIR /**/
?H:.
?F:!try
?LINT:set d_closedir d_void_closedir
: see if closedir exists
set closedir d_closedir
eval $inlibc

@if VOID_CLOSEDIR || d_void_closedir
?X: The following contortions are designed so we can call closedir()
?X: and check whether it returns a value. The contortions are designed
?X: to portably pick up the correct directory header, for those
?X: systems that support various mutually incompatible directory functions.
?X: This is from perl5's perl.h
case "$d_closedir" in
"$define")
echo " "
echo "Checking whether closedir() returns a status..." >&4
cat > try.c <<EOM
#$i_dirent I_DIRENT /**/
#$i_sysdir I_SYS_DIR /**/
#$i_sysndir I_SYS_NDIR /**/
#$i_systypes I_SYS_TYPES /**/

#if defined(I_SYS_TYPES)

```

```

#include <sys/types.h>
#endif
#if defined(I_DIRENT)
#include <dirent.h>
#else
#ifdef I_SYS_NDIR
#include <sys/ndir.h>
#else
#ifdef I_SYS_DIR
#include <sys/dir.h>
#endif
#endif
#endif
int main() { return closedir(opendir(".")); }
EOM
set try
if eval $compile_ok; then
if $run ./try > /dev/null 2>&1 ; then
echo "Yes, it does."
val="$undef"
else
echo "No, it doesn't."
val="$define"
fi
else
echo "(I can't seem to compile the test program--assuming it doesn't)"
val="$define"
fi
;;
*)
val="$undef";
;;
esac
set d_void_closedir
eval $setvar
$rm_try
@end

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_closedir.U
```

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?RCS:

?MAKE:d\_fma: Inlibc

?MAKE: -pick add \$@ %<



?S:d\_fma:  
?S: This variable conditionally defines the HAS\_FMA symbol, which  
?S: indicates to the C program that the fma() routine is available.  
?S:.  
?C:HAS\_FMA:  
?C: This symbol, if defined, indicates that the fma routine is  
?C: available to do the multiply-add function.  
?C:.  
?H:#\$d\_fma HAS\_FMA /\*\*/  
?H:.  
?LINT:set d\_fma  
: see if fma exists  
set fma d\_fma  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fma.U

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?RCS: \$Id: d\_setpent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$  
?RCS:  
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?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: d\_setpent.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:09 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_setpent: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_setpent:  
?S: This variable conditionally defines HAS\_SETPROTOENT if setprotoent() is  
?S: available.  
?S:.  
?C:HAS\_SETPROTOENT:  
?C: This symbol, if defined, indicates that the setprotoent() routine is  
?C: available.  
?C:.  
?H:#\$d\_setpent HAS\_SETPROTOENT /\*\*/  
?H:.  
?LINT:set d\_setpent  
: see if setprotoent exists

```
set setprotoent d_setpent
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setpent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_wait4.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

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?RCS: as specified in the README file that comes with the distribution.
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_wait4.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:01 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_wait4: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_wait4:
```

```
?S: This variable conditionally defines the HAS_WAIT4 symbol, which
```

```
?S: indicates the wait4() routine is available.
```

```
?S:.
```

```
?C:HAS_WAIT4 (WAIT4):
```

```
?C: This symbol, if defined, indicates that wait4() exists.
```

```
?C:.
```

```
?H:#$d_wait4 HAS_WAIT4 /**/
```

```
?H:.
```

```
?LINT:set d_wait4
```

```
: see if there is a wait4
```

```
set wait4 d_wait4
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wait4.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strstr.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_strstr.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:37 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_strstr: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_strstr:  
?S: This variable conditionally defines HAS\_STRSTR if strstr() is  
?S: available to find substrings.  
?S:.  
?C:HAS\_STRSTR (STRSTR):  
?C: This symbol, if defined, indicates that the strstr routine is  
?C: available to find substrings.  
?C:.  
?H:#\$d\_strstr HAS\_STRSTR /\*\*/  
?H:.  
?LINT:set d\_strstr  
: see if strstr exists  
set strstr d\_strstr  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_strstr.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_gethbynm.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_gethbynm.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:08 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_gethbyname: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_gethbyname (d\_gethbynm d\_gethstby):

?S: This variable conditionally defines the HAS\_GETHOSTBYNAME symbol, which  
?S: indicates to the C program that the gethostbyname() routine is available  
?S: to look up host names in some data base or other.  
?S:.  
?C:HAS\_GETHOSTBYNAME (GETHOSTBYNAME):  
?C: This symbol, if defined, indicates that the gethostbyname() routine is  
?C: available to look up host names in some data base or other.  
?C:.  
?H:#\$d\_gethbyname HAS\_GETHOSTBYNAME /\*\*/  
?H:.  
?LINT:set d\_gethbyname  
: see if gethostbyname exists  
set gethostbyname d\_gethbyname  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_gethbynm.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_fork.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_fork.U,v \$  
?RCS: Revision 3.0.1.1 1994/08/29 16:07:38 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_fork: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_fork:  
?S: This variable conditionally defines the HAS\_FORK symbol, which  
?S: indicates to the C program that the fork() routine is available.  
?S:.  
?C:HAS\_FORK :  
?C: This symbol, if defined, indicates that the fork routine is  
?C: available.  
?C:.  
?H:#\$d\_fork HAS\_FORK /\*\*/  
?H:.

?LINT:set d\_fork  
: see if fork exists  
set fork d\_fork  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_fork.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorscript.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999, Andy Dougherty

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorscript.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?MAKE:d\_vendorscript vendorscript vendorscriptexp installvendorscript: Getfile \

vendorbin cat Setprefixvar Oldconfig Prefixit test vendorprefix

?MAKE: -pick add \$@ %<

?Y:TOP

?S:vendorscript:

?S: This variable contains the eventual value of the VENDORSRIPT symbol.

?S: It may have a ~ on the front.

?S: The standard distribution will put nothing in this directory.

?S: Vendors who distribute perl may wish to place additional

?S: executable scripts in this directory with

?S: MakeMaker Makefile.PL INSTALLDIRS=vendor

?S: or equivalent. See INSTALL for details.

?S:.

?S:vendorscriptexp:

?S: This variable is the ~name expanded version of vendorscript, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installvendorscript="

?S:installvendorscript:

?S: This variable is really the same as vendorscriptexp but may differ on

?S: those systems using AFS. For extra portability, only this variable

?S: should be used in makefiles.

?S:.

?S:d\_vendorscript:

?S: This variable conditionally defines PERL\_VENDORSCRIPT.  
?S:.  
?C:PERL\_VENDORSCRIPT:  
?C: If defined, this symbol contains the name of a directory  
?C: for holding vendor-supplied executable scripts.  
?C: It may have a ~ on the front.  
?C: The standard distribution will put nothing in this directory.  
?C: Vendors who distribute perl may wish to place additional  
?C: executable scripts in this directory with  
?C: MakeMaker Makefile.PL INSTALLDIRS=vendor  
?C: or equivalent. See INSTALL for details.  
?C:.  
?C:PERL\_VENDORSCRIPT\_EXP:  
?C: This symbol contains the ~name expanded version of VENDORSCRIPT, to be used  
?C: in programs that are not prepared to deal with ~ expansion at run-time.  
?C:.  
?H:#\$d\_vendorscript PERL\_VENDORSCRIPT "\$vendorscript" /\*\*/  
?H:#\$d\_vendorscript PERL\_VENDORSCRIPT\_EXP "\$vendorscriptexp" /\*\*/  
?H:.  
?LINT:change prefixvar  
?LINT:set installvendorscript  
: Set the vendorscript variables  
case "\$vendorprefix" in  
") d\_vendorscript="\$undef"  
vendorscript="  
vendorscriptexp="  
;;  
\*) d\_vendorscript="\$define"  
: determine where vendor-supplied scripts go.  
case "\$vendorscript" in  
") dflt=\$vendorprefix/script  
\$test -d \$dflt || dflt=\$vendorbin ;;  
\*) dflt="\$vendorscript" ;;  
esac  
\$cat <<EOM

The installation process will create a directory for vendor-supplied scripts.

```
EOM
fn=d~+
rp='Pathname for the vendor-supplied scripts directory?'
./getfile
vendorscript="$ans"
vendorscriptexp="$ansexp"
;;
esac
prefixvar=vendorscript
```

./installprefix

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorscript.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sunmath.U,v \$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_sunmath: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_sunmath:

?S: This variable conditionally defines the I\_SUNMATH symbol, and indicates

?S: whether a C program should include <sunmath.h>.

?S:.

?C:I\_SUNMATH:

?C: This symbol, if defined, indicates that <sunmath.h> exists and

?C: should be included.

?C:.

?H:#\$i\_sunmath I\_SUNMATH /\*\*/

?H:.

?LINT:set i\_sunmath

: see if this is a sunmath.h system

set sunmath.h i\_sunmath

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_sunmath.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_hasmntopt: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_hasmntopt:

?S: This variable conditionally defines the HAS\_HASMNTOPT symbol, which

?S: indicates to the C program that the hasmntopt() routine is available

?S: to query the mount options of file systems.

?S:.

?C:HAS\_HASMNTOPT:

?C: This symbol, if defined, indicates that the hasmntopt routine is

?C: available to query the mount options of file systems.

?C:.

?H:#\$d\_hasmntopt HAS\_HASMNTOPT /\*\*/

?H:.

?LINT:set d\_hasmntopt

: see if hasmntopt exists

set hasmntopt d\_hasmntopt

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_hasmntopt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getnbyaddr.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getnbyaddr: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getnbyaddr:

?S: This variable conditionally defines the HAS\_GETNETBYADDR symbol, which

?S: indicates to the C program that the getnetbyaddr() routine is available

?S: to look up networks by their IP addresses.

?S:.

?C:HAS\_GETNETBYADDR:

?C: This symbol, if defined, indicates that the getnetbyaddr() routine is

?C: available to look up networks by their IP addresses.

?C:.

?H:#\$d\_getnbyaddr HAS\_GETNETBYADDR /\*\*/

?H:.

?LINT:set d\_getnbyaddr

: see if getnetbyaddr exists

set getnetbyaddr d\_getnbyaddr

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_getnbyaddr.U

No license file was found, but licenses were detected in source scan.



?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1997, Chip Salzenberg

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: sh.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:20:13 ram

?RCS: patch61: created

?RCS:

?MAKE:sh: Head

?MAKE: -pick wipe \$@ %<

?S:sh:

?S: This variable contains the full pathname of the shell used  
?S: on this system to execute Bourne shell scripts. Usually, this will be  
?S: /bin/sh, though it's possible that some systems will have /bin/ksh,  
?S: /bin/pdksh, /bin/ash, /bin/bash, or even something such as  
?S: D:/bin/sh.exe.

?S: This unit comes before Options.U, so you can't set sh with a -D  
?S: option, though you can override this (and startsh)  
?S: with -O -Dsh=/bin/whatever -Dstartsh=whatever

?S:.

?C:SH\_PATH:

?C: This symbol contains the full pathname to the shell used on this  
?C: on this system to execute Bourne shell scripts. Usually, this will be  
?C: /bin/sh, though it's possible that some systems will have /bin/ksh,  
?C: /bin/pdksh, /bin/ash, /bin/bash, or even something such as  
?C: D:/bin/sh.exe.

?C:.

?H:#define SH\_PATH "\$sh" /\*\*/  
?H:.

?T:xxx try pth p SYSTYPE

?LINT:extern maintloc maintname

?X:

?X: Be quiet unless something unusual happens because this gets  
?X: loaded up even before options are processed.  
?X: Can't use ./loc because that depends on startsh, which, in turn  
?X: depends on this unit.

?X:

: Find the basic shell for Bourne shell scripts  
case "\$sh" in  
")  
?X: SYSTYPE is for some older MIPS systems.

?X: I do not know if it is still needed.

```
case "$SYSTYPE" in
*bsd*|sys5*) xxx="/$SYSTYPE/bin/sh";;
*) xxx="/bin/sh";;
esac
if test -f "$xxx"; then
sh="$xxx"
else
: Build up a list and do a single loop so we can 'break' out.
pth=`echo $PATH | sed -e "s/$p_/ /g"`
for xxx in sh bash ksh pdksh ash; do
for p in $pth; do
try="$try ${p}/${xxx}"
done
done
for xxx in $try; do
if test -f "$xxx"; then
sh="$xxx"
break
elif test -f "$xxx$_exe"; then
sh="$xxx"
break
elif test -f "$xxx.exe"; then
sh="$xxx"
break
fi
done
fi
;;
esac
```

?X: fd 4 isn't open yet...

```
case "$sh" in
") cat >&2 <<EOM
$me: Fatal Error: I can't find a Bourne Shell anywhere.
```

Usually it's in /bin/sh. How did you even get this far?  
Please contact me (<\$maintname>) at <\$maintloc> and  
we'll try to straighten this all out.

```
EOM
exit 1
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sh.U
```

No license file was found, but licenses were detected in source scan.

```
# $Id: errnolist.sh,v 3.0.1.1 1994/01/24 14:00:00 ram Exp ram $
#
# Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
#
# You may redistribute only under the terms of the Artistic Licence,
# as specified in the README file that comes with the distribution.
# You may reuse parts of this distribution only within the terms of
# that same Artistic Licence; a copy of which may be found at the root
# of the source tree for dist 4.0.
#
# Original Author: Harlan Stenn <harlan@mumps.pfcs.com>
#
# $Log: errnolist.sh,v $
# Revision 3.0.1.1 1994/01/24 14:00:00 ram
# patch16: changed top ln-style config.sh lookup into test-style one
#
# Revision 3.0 1993/08/18 12:04:36 ram
# Baseline for dist 3.0 netwide release.
#
```

```
case $CONFIG in
")
if test -f config.sh; then TOP=.;
elif test -f ../config.sh; then TOP=..;
elif test -f ../../config.sh; then TOP=../../;
elif test -f ../../../config.sh; then TOP=../../../;
elif test -f ../../../../config.sh; then TOP=../../../../;
else
echo "Can't find config.sh."; exit 1
fi
. $TOP/config.sh
;;
esac
case "$0" in
*/*) cd `expr X$0 : 'X\(.*/'` ;;
esac
case "$Serrnolistic" in
") ;;
*)
echo "Making $Serrnolistic ..."
awk -f errnolist.a < /usr/include/sys/errno.h > $Serrnolistic
echo "It would be a good idea to make sure that $Serrnolistic is correct."
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/lib/errnolist.SH

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_cbrt.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_cbrt.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:48 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_cbrt: Inlibc
?MAKE: -pick add $@ %<
?S:d_cbrt:
?S: This variable conditionally defines the HAS_CBRT symbol, which
?S: indicates to the C program that the cbrt() (cube root) function
?S: is available.
?S:.
?C:HAS_CBRT (CBRT):
?C: This symbol, if defined, indicates that the cbrt() (cube root)
?C: function is available.
?C:.
?H:#$d_cbrt HAS_CBRT /**/
?H:.
?LINT:set d_cbrt
: see if cbrt exists
set cbrt d_cbrt
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_cbrt.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: man3dir.U,v \$  
?RCS: Revision 3.0.1.1 1997/02/28 16:10:34 ram  
?RCS: patch61: created  
?RCS:  
?X:  
?X: This was originally specific to perl5. Since perl5 has man pages that  
?X: go in both man1/ and man3/ directories, we need both man1 dir  
?X: and man3dir. This unit is basically dist's mansrc.U with  
?X: man3 used instead of man everywhere.  
?X: I then added various tests because perl5 has \*lots\* of man3  
?X: pages with long file names. -- ADO  
?X:  
?MAKE:man3dir man3direxp man3ext installman3dir: afs cat nroff Loc Oldconfig \  
sed man1dir spackage package Getfile prefix Prefixit Prefixup \  
d\_flexfnam privlib Myread  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:man3dir:  
?S: This variable contains the name of the directory in which manual  
?S: source pages are to be put. It is the responsibility of the  
?S: Makefile.SH to get the value of this into the proper command.  
?S: You must be prepared to do the ~name expansion yourself.  
?S:.  
?S:man3direxp:  
?S: This variable is the same as the man3dir variable, but is filename  
?S: expanded at configuration time, for convenient use in makefiles.  
?S:.  
?S:installman3dir:  
?S: This variable is really the same as man3direxp, unless you are using  
?S: AFS in which case it points to the read/write location whereas  
?S: man3direxp only points to the read-only access location. For extra  
?S: portability, you should only use this variable within your makefiles.  
?S:.  
?S:man3ext:  
?S: This variable contains the extension that the manual page should  
?S: have: one of 'n', 'l', or '3'. The Makefile must supply the '!'.  
?S: See man3dir.  
?S:.  
: determine where library module manual pages go  
set man3dir man3dir none  
eval \$prefixit  
\$cat <<EOM  
  
\$spackage has manual pages for many of the library modules.  
EOM

```

case "$nroff" in
nroff)
$cat <<'EOM'
However, you don't have nroff, so they're probably useless to you.
EOM
case "$man3dir" in
") man3dir="none";;
esac;;
esac

case "$d_flexfnam" in
undef)
$cat <<'EOM'
However, your system can't handle the long file names like File::Basename.3.
EOM
case "$man3dir" in
") man3dir="none";;
esac;;
esac

echo "If you don't want the manual sources installed, answer 'none'."
?X: We dont use /usr/local/man/man3 because some man programs will
?X: only show the /usr/local/man/man3 contents, and not the system ones,
?X: thus man less will show the perl module less.pm, but not the system
?X: less command. We might also conflict with TCL man pages.
?X: However, something like /opt/perl/man/man3 is fine.
case "$man3dir" in
") case "$prefix" in
*$package*) dflt=`echo $man1dir |
$sed -e 's/man1/man3/g' -e 's/man\.1/man\.3/g'` ;;
*) dflt="$privlib/man/man3" ;;
esac
;;
') dflt=none;;
*) dflt="$man3dir" ;;
esac
echo " "

fn=dn+~
rp="Where do the $package library man pages (source) go?"
./getfile
if test "X$man3direxp" != "X$ansexp"; then
installman3dir="
fi

man3dir="$ans"
man3direxp="$ansexp"

```

```

case "$man3dir" in
") man3dir=' '
installman3dir=";;
esac
if $afs; then
$cat <<EOM

```

Since you are running AFS, I need to distinguish the directory in which manual pages reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

EOM

```

case "$installman3dir" in
") dflt=`echo $man3direxp | sed 's#^/afs/#/afs/.#`;;
*) dflt="$installman3dir";;
esac
fn=de~
rp='Where will man pages be installed?'
./getfile
installman3dir="$ans"
else
installman3dir="$man3direxp"
fi

```

: What suffix to use on installed man pages

```

case "$man3dir" in
' ')
man3ext='0'
;;
*)
rp="What suffix should be used for the $package library man pages?"
case "$man3ext" in
") case "$man3dir" in
*3) dflt=3 ;;
*3p) dflt=3p ;;
*3pm) dflt=3pm ;;
*1) dflt=1;;
*n) dflt=n;;
*o) dflt=o;;
*p) dflt=p;;
*C) dflt=C;;
*L) dflt=L;;
*L3) dflt=L3;;
*) dflt=3;;
esac
;;
*) dflt="$man3ext";;

```

```
esac
./myread
man3ext="$ans"
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/man3dir.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998, Jarkko Hietaniemi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i\_sysaccess: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_sysaccess:

?S: This variable conditionally defines the I\_SYS\_ACCESS symbol,

?S: and indicates whether a C program should include <sys/access.h>.

?S:.

?C:I\_SYS\_ACCESS:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <sys/access.h>.

?C:.

?H:#\$i\_sysaccess I\_SYS\_ACCESS /\*\*/

?H:.

?LINT:set i\_sysaccess

: see if sys/access.h is available

set sys/access.h i\_sysaccess

eval \$inhdr

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/i_sysaccess.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getpent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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 ?RCS: of the source tree for dist 3.0.  
 ?RCS:  
 ?RCS: \$Log: d\_getpent.U,v \$  
 ?RCS: Revision 3.0 1993/08/18 12:06:09 ram  
 ?RCS: Baseline for dist 3.0 netwide release.  
 ?RCS:  
 ?MAKE:d\_getpent: Inlibc  
 ?MAKE: -pick add \$@ %<  
 ?S:d\_getpent:  
 ?S: This variable conditionally defines HAS\_GETPROTOENT if getprotoent() is  
 ?S: available to look up protocols in some data base or another.  
 ?S:.  
 ?C:HAS\_GETPROTOENT:  
 ?C: This symbol, if defined, indicates that the getprotoent() routine is  
 ?C: available to look up protocols in some data base or another.  
 ?C:.  
 ?H:#\$d\_getpent HAS\_GETPROTOENT /\*\*/  
 ?H:.  
 ?LINT:set d\_getpent  
 : see if getprotoent exists  
 set getprotoent d\_getpent  
 eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_getpent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_sethostent\_r.U,v 0RCS:  
 ?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi  
 ?RCS:  
 ?RCS: You may distribute under the terms of either the GNU General Public  
 ?RCS: License or the Artistic License, as specified in the README file.  
 ?RCS:  
 ?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.  
 ?RCS:  
 ?MAKE:d\_sethostent\_r sethostent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
 usethreads i\_netdb extern\_C  
 ?MAKE: -pick add \$@ %<  
 ?S:d\_sethostent\_r:  
 ?S: This variable conditionally defines the HAS\_SETHOSTENT\_R symbol,  
 ?S: which indicates to the C program that the sethostent\_r()  
 ?S: routine is available.  
 ?S:.  
 ?S:sethostent\_r\_proto:

?S: This variable encodes the prototype of sethostent\_r.  
?S: It is zero if d\_sethostent\_r is undef, and one of the  
?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_sethostent\_r  
?S: is defined.  
?S:.  
?C:HAS\_SETHOSTENT\_R:  
?C: This symbol, if defined, indicates that the sethostent\_r routine  
?C: is available to sethostent re-entrantly.  
?C:.  
?C:SETHOSTENT\_R\_PROTO:  
?C: This symbol encodes the prototype of sethostent\_r.  
?C: It is zero if d\_sethostent\_r is undef, and one of the  
?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_sethostent\_r  
?C: is defined.  
?C:.  
?H:#\$d\_sethostent\_r HAS\_SETHOSTENT\_R /\*\*/  
?H:#define SETHOSTENT\_R\_PROTO \$sethostent\_r\_proto /\*\*/  
?H:.  
?T:try hdrs d\_sethostent\_r\_proto  
: see if sethostent\_r exists  
set sethostent\_r d\_sethostent\_r  
eval \$inlibc  
case "\$d\_sethostent\_r" in  
"\$define")  
hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_netdb netdb.h"  
case "\$d\_sethostent\_r\_proto:\$usethreads" in  
":define") d\_sethostent\_r\_proto=define  
set d\_sethostent\_r\_proto sethostent\_r \$hdrs  
eval \$hasproto ;;  
\*) ;;  
esac  
case "\$d\_sethostent\_r\_proto" in  
define)  
case "\$sethostent\_r\_proto" in  
"|0) try='int sethostent\_r(int, struct hostent\_data\*);'  
./protochk "\$extern\_C \$try" \$hdrs && sethostent\_r\_proto=I\_ID ;;  
esac  
case "\$sethostent\_r\_proto" in  
"|0) try='void sethostent\_r(int, struct hostent\_data\*);'  
./protochk "\$extern\_C \$try" \$hdrs && sethostent\_r\_proto=V\_ID ;;  
esac  
case "\$sethostent\_r\_proto" in  
"|0) d\_sethostent\_r=undef  
sethostent\_r\_proto=0  
echo "Disabling sethostent\_r, cannot determine prototype." >&4 ;;  
\*) case "\$sethostent\_r\_proto" in  
REENTRANT\_PROTO\*) ;;  
\*) sethostent\_r\_proto="REENTRANT\_PROTO\_\$sethostent\_r\_proto" ;;

```

esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "sethostent_r has no prototype, not using it." >&4 ;;
esac
d_sethostent_r=undef
sethostent_r_proto=0
;;
esac
;;
*) sethostent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_sethostent_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_select.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: d\_select.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:02 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_select: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_select:

?S: This variable conditionally defines HAS\_SELECT if select() is

?S: available to select active file descriptors. A <sys/time.h>

?S: inclusion may be necessary for the timeout field.

?S:.

?C:HAS\_SELECT:

?C: This symbol, if defined, indicates that the select routine is

?C: available to select active file descriptors. If the timeout field

?C: is used, <sys/time.h> may need to be included.

?C:.

?H:#\$d\_select HAS\_SELECT /\*\*/

```
?H:
?LINT:set d_select
: see if select exists
set select d_select
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_select.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

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```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?MAKE:sitehtml3dir sitehtml3direxp installsitehtml3dir: Getfile \
```

```
Setprefixvar prefix siteprefix html3dir sed
```

```
?MAKE: -pick add $@ %<
```

```
?Y:TOP
```

```
?D:sitehtml3dir="
```

```
?S:sitehtml3dir:
```

```
?S: This variable contains the name of the directory in which site-specific
```

```
?S: library html source pages are to be put. It is the responsibility of the
```

```
?S: Makefile.SH to get the value of this into the proper command.
```

```
?S: You must be prepared to do the ~name expansion yourself.
```

```
?S: The standard distribution will put nothing in this directory.
```

```
?S: After perl has been installed, users may install their own local
```

```
?S: library html pages in this directory with
```

```
?S: MakeMaker Makefile.PL
```

```
?S: or equivalent. See INSTALL for details.
```

```
?S:.
```

```
?D:sitehtml3direxp="
```

```
?S:sitehtml3direxp:
```

```
?S: This variable is the same as the sitehtml3dir variable, but is filename
```

```
?S: expanded at configuration time, for convenient use in makefiles.
```

```
?S:.
```

```
?D:installsitehtml3dir="
```

```
?S:installsitehtml3dir:
```

```
?S: This variable is really the same as sitehtml3direxp, unless you are using
```

```
?S: AFS in which case it points to the read/write location whereas
```

```
?S: html3direxp only points to the read-only access location. For extra
```

```
?S: portability, you should only use this variable within your makefiles.
```

```

?S:.
?LINT:change prefixvar
?LINT:set installsitehtml3dir
?LINT:set sitehtml3dir
?LINT:set sitehtml3direxp
: determine where add-on library html pages go
: There is no standard location, so try to copy the previously-selected
: directory structure for the core html pages.
case "$sitehtml3dir" in
")   dflt=`echo "$html3dir" | $sed "s#^$prefix#$siteprefix#"` ;;
*)   dflt=$sitehtml3dir ;;
esac
case "$dflt" in
"|' ') dflt=none ;;
esac
fn=dn+~
rp='Pathname where the site-specific library html pages should be installed?'
./getfile
prefixvar=sitehtml3dir
./setprefixvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitehtml3dir.U

```

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?RCS: \$Id\$

?RCS:

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?RCS:

?RCS: \$Log: d\_sigsetjmp.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:44:33 ram

?RCS: patch61: created

?RCS:

?MAKE:d\_sigsetjmp: Setvar cat +cc +ccflags +ldflags libs rm

?MAKE: -pick add \$@ %<

?S:d\_sigsetjmp:

?S: This variable conditionally defines the HAS\_SIGSETJMP symbol,

?S: which indicates that the sigsetjmp() routine is available to  
 ?S: call setjmp() and optionally save the process's signal mask.  
 ?S:.

?C:HAS\_SIGSETJMP:  
 ?C: This variable indicates to the C program that the sigsetjmp()  
 ?C: routine is available to save the calling process's registers  
 ?C: and stack environment for later use by siglongjmp(), and  
 ?C: to optionally save the process's signal mask. See  
 ?C: Sigjmp\_buf, Sigsetjmp, and Siglongjmp.  
 ?C:.

?C:Sigjmp\_buf:  
 ?C: This is the buffer type to be used with Sigsetjmp and Siglongjmp.  
 ?C:.

?C:Sigsetjmp:  
 ?C: This macro is used in the same way as sigsetjmp(), but will invoke  
 ?C: traditional setjmp() if sigsetjmp isn't available.  
 ?C: See HAS\_SIGSETJMP.  
 ?C:.

?C:Siglongjmp:  
 ?C: This macro is used in the same way as siglongjmp(), but will invoke  
 ?C: traditional longjmp() if siglongjmp isn't available.  
 ?C: See HAS\_SIGSETJMP.  
 ?C:.

```
?H:%<:#$d_sigsetjmp HAS_SIGSETJMP /**/
?H:%<:#ifdef HAS_SIGSETJMP
?H:%<:#define Sigjmp_buf sigjmp_buf
?H:%<:#define Sigsetjmp(buf,save_mask) sigsetjmp((buf),(save_mask))
?H:%<:#define Siglongjmp(buf,retval) siglongjmp((buf),(retval))
?H:%<:#else
?H:%<:#define Sigjmp_buf jmp_buf
?H:%<:#define Sigsetjmp(buf,save_mask) setjmp((buf))
?H:%<:#define Siglongjmp(buf,retval) longjmp((buf),(retval))
?H:%<:#endif
?H:.
```

```
?W:%<:Sigjmp_buf Sigsetjmp Siglongjmp
?F:!set
?LINT:set d_sigsetjmp
: see if sigsetjmp exists
?X: We can't check for these symbols with Inlibc because sigsetjmp
?X: is (sometimes? always?) a macro under GCC
echo " "
case "$d_sigsetjmp" in
")
$cat >set.c <<'EOP'
#include <setjmp.h>
sigjmp_buf env;
int set = 1;
int main()
```

```

{
if (sigsetjmp(env,1))
  exit(set);
set = 0;
siglongjmp(env, 1);
exit(1);
}
EOP
if $cc $ccflags $ldflags -o set set.c $libs > /dev/null 2>&1 ; then
if ./set >/dev/null 2>&1; then
  echo "POSIX sigsetjmp found." >&4
  val="$define"
else
  $cat >&4 <<EOM
Uh-Oh! You have POSIX sigsetjmp and siglongjmp, but they do not work properly!!
I'll ignore them.
EOM
  val="$undef"
fi
else
  echo "sigsetjmp not found." >&4
  val="$undef"
fi
;;
*) val="$d_sigsetjmp"
case "$d_sigsetjmp" in
$define) echo "POSIX sigsetjmp found." >&4;;
$undef) echo "sigsetjmp not found." >&4;;
esac
;;
esac
set d_sigsetjmp
eval $setvar
$rm -f set.c set

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sigsetjmp.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_PRI64 d\_PRIi64 d\_PRIu64 d\_PRIo64 d\_PRIx64 d\_PRIXU64 \

sPRId64 sPRIi64 sPRIu64 sPRIo64 sPRIx64 sPRIXU64: \  
quadtype i\_inttypes test cat rm\_try Setvar Compile run  
?MAKE: -pick add \$@ %<  
?S:d\_PRId64:  
?S: This variable conditionally defines the PERL\_PRId64 symbol, which  
?S: indicates that stdio has a symbol to print 64-bit decimal numbers.  
?S:.  
?S:d\_PRIi64:  
?S: This variable conditionally defines the PERL\_PRIi64 symbol, which  
?S: indicates that stdio has a symbol to print 64-bit decimal numbers.  
?S:.  
?S:d\_PRIu64:  
?S: This variable conditionally defines the PERL\_PRIu64 symbol, which  
?S: indicates that stdio has a symbol to print 64-bit unsigned decimal  
?S: numbers.  
?S:.  
?S:d\_PRIo64:  
?S: This variable conditionally defines the PERL\_PRIo64 symbol, which  
?S: indicates that stdio has a symbol to print 64-bit octal numbers.  
?S:.  
?S:d\_PRIx64:  
?S: This variable conditionally defines the PERL\_PRIx64 symbol, which  
?S: indicates that stdio has a symbol to print 64-bit hexadecimal numbers.  
?S:.  
?S:d\_PRIXU64:  
?S: This variable conditionally defines the PERL\_PRIXU64 symbol, which  
?S: indicates that stdio has a symbol to print 64-bit hExADECimAl numbers.  
?S: The 'U' in the name is to separate this from d\_PRIx64 so that even  
?S: case-blind systems can see the difference.  
?S:.  
?S:sPRId64:  
?S: This variable, if defined, contains the string used by stdio to  
?S: format 64-bit decimal numbers (format 'd') for output.  
?S:.  
?S:sPRIi64:  
?S: This variable, if defined, contains the string used by stdio to  
?S: format 64-bit decimal numbers (format 'i') for output.  
?S:.  
?S:sPRIu64:  
?S: This variable, if defined, contains the string used by stdio to  
?S: format 64-bit unsigned decimal numbers (format 'u') for output.  
?S:.  
?S:sPRIo64:  
?S: This variable, if defined, contains the string used by stdio to  
?S: format 64-bit octal numbers (format 'o') for output.  
?S:.  
?S:sPRIx64:  
?S: This variable, if defined, contains the string used by stdio to



```

?S: format 64-bit hexadecimal numbers (format 'x') for output.
?S:.
?S:sPRIXU64:
?S: This variable, if defined, contains the string used by stdio to
?S: format 64-bit hExADEcImAl numbers (format 'X') for output.
?S: The 'U' in the name is to separate this from sPRIx64 so that even
?S: case-blind systems can see the difference.
?S:.
?C:PERL_PRI64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit decimal numbers (format 'd') for output.
?C:.
?C:PERL_PRIi64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit decimal numbers (format 'i') for output.
?C:.
?C:PERL_PRIu64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit unsigned decimal numbers (format 'u') for output.
?C:.
?C:PERL_PRIO64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit octal numbers (format 'o') for output.
?C:.
?C:PERL_PRIx64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit hexadecimal numbers (format 'x') for output.
?C:.
?C:PERL_PRIXU64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit hExADEcImAl numbers (format 'X') for output.
?C:.
?H:#$d_PRI64 PERL_PRI64 $sPRI64 /**/
?H:#$d_PRIi64 PERL_PRIi64 $sPRIi64 /**/
?H:#$d_PRIu64 PERL_PRIu64 $sPRIu64 /**/
?H:#$d_PRIO64 PERL_PRIO64 $sPRIO64 /**/
?H:#$d_PRIx64 PERL_PRIx64 $sPRIx64 /**/
?H:#$d_PRIx64 PERL_PRIXU64 $sPRIXU64 /**/
?H:.
?T:yyy
?F:!try
: Check 64bit sizes
echo " "

if $test X"$quadtype" != X; then

echo "Checking how to print 64-bit integers..." >&4

```

```

if $test X"$sPRId64" = X -a X"$quadtype" = Xint; then
  $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
  int q = 12345678901;
  printf("%ld\n", q);
}
EOCP
set try
if eval $compile; then
  yyy=`$run ./try`
  case "$yyy" in
    12345678901)
      sPRId64="d"; sPRIi64="i"; sPRIu64="u";
      sPRIo64="o"; sPRIx64="x"; sPRIXU64="X";
      echo "We will use %d."
      ;;
    esac
  fi
fi

```

```

if $test X"$sPRId64" = X -a X"$quadtype" = Xlong; then
  $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
  long q = 12345678901;
  printf("%ld\n", q);
}
EOCP
set try
if eval $compile; then
  yyy=`$run ./try`
  case "$yyy" in
    12345678901)
      sPRId64="ld"; sPRIi64="li"; sPRIu64="lu";
      sPRIo64="lo"; sPRIx64="lx"; sPRIXU64="lX";
      echo "We will use %ld."
      ;;
    esac
  fi
fi

```

```

if $test X"$sPRId64" = X -a X"$i_inttypes" = X"$define" -a X"$quadtype" = Xint64_t; then
  $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <inttypes.h>

```

```

#include <stdio.h>
int main() {
    int64_t q = 12345678901;
    printf("%" PRIu64 "\n", q);
}
EOCP
set try
if eval $compile; then
    yyy=`$run ./try`
    case "$yyy" in
        12345678901)
            sPRId64=PRId64; sPRIi64=PRIi64; sPRIu64=PRIu64;
            sPRIo64=PRIo64; sPRIx64=PRIx64; sPRIXU64=PRIXU64;
            echo "We will use the C9X style."
            ;;
        esac
    fi
fi

if $test X"$sPRId64" = X -a X"$quadtype" != X; then
    $cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main() {
    $quadtype q = 12345678901;
    printf("%Ld\n", q);
}
EOCP
set try
if eval $compile; then
    yyy=`$run ./try`
    case "$yyy" in
        12345678901)
            sPRId64="Ld"; sPRIi64="Li"; sPRIu64="Lu";
            sPRIo64="Lo"; sPRIx64="Lx"; sPRIXU64="LX";
            echo "We will use %Ld."
            ;;
        esac
    fi
fi

if $test X"$sPRId64" = X -a X"$quadtype" = X"long long"; then
    $cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main() {
    long long q = 12345678901LL; /* AIX cc requires the LL suffix. */
    printf("%lld\n", q);
}
EOCP

```

```

}
EOCP
set try
if eval $compile; then
yyy=`$run ./try`
case "$yyy" in
12345678901)
sPRId64="lld"; sPRi64="lli"; sPRi64="llu";
sPRIo64="llo"; sPRIx64="llx"; sPRIXU64="lIX";
echo "We will use the %lld style."
;;
esac
fi
fi

if $test X"$sPRId64" = X -a X"$quadtype" != X; then
$cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main() {
$quadtype q = 12345678901;
printf("%qd\n", q);
}
EOCP
set try
if eval $compile; then
yyy=`$run ./try`
case "$yyy" in
12345678901)
sPRId64="qd"; sPRi64="qi"; sPRi64="qu";
sPRIo64="qo"; sPRIx64="qx"; sPRIXU64="qX";
echo "We will use %qd."
;;
esac
fi
fi

if $test X"$sPRId64" = X; then
echo "Cannot figure out how to print 64-bit integers." >&4
fi
$rm_try

fi

case "$sPRId64" in
") d_PRI64="$undef"; d_PRI64="$undef"; d_PRI64="$undef";
d_PRIo64="$undef"; d_PRIx64="$undef"; d_PRIx64="$undef";
;;

```

```
*) d_PRIId64="$define"; d_PRIi64="$define"; d_PRIu64="$define";  
d_PRIo64="$define"; d_PRIx64="$define"; d_PRIXU64="$define";  
;;  
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-  
5.30.0/U/perl/quadio.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:i\_poll: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_poll:

?S: This variable conditionally defines the I\_POLL symbol, which

?S: indicates to the C program that it should include <poll.h>.

?S:.

?C:I\_POLL:

?C: This symbol, if defined, indicates that the program may include

?C: <poll.h>. If there is no <poll.h>, then you may check I\_SYS\_POLL

?C: instead to see whether there is a <sys/poll.h> to include.

?C:.

?H:#\$i\_poll I\_POLL /\*\*/

?H:.

?LINT:set i\_poll

: see if there is a poll.h file

set poll.h i\_poll

eval \$inhdr

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-  
5.30.0/dist/U/i_poll.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_nice.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_nice.U,v \$  
?RCS: Revision 3.0.1.1 1994/08/29 16:09:48 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_nice: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_nice:  
?S: This variable conditionally defines the HAS\_NICE symbol, which  
?S: indicates to the C program that the nice() routine is available.  
?S:.  
?C:HAS\_NICE :  
?C: This symbol, if defined, indicates that the nice routine is  
?C: available.  
?C:.  
?H:#\$d\_nice HAS\_NICE /\*\*/  
?H:.  
?LINT:set d\_nice  
: see if nice exists  
set nice d\_nice  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_nice.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setlocale.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_setlocale.U,v \$  
?RCS: Revision 3.0.1.1 1994/06/20 06:57:51 ram  
?RCS: patch30: created

?RCS:  
?MAKE:d\_setlocale: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_setlocale:  
?S: This variable conditionally defines HAS\_SETLOCALE if setlocale() is  
?S: available to handle locale-specific ctype implementations.  
?S:.  
?C:HAS\_SETLOCALE:  
?C: This symbol, if defined, indicates that the setlocale routine is  
?C: available to handle locale-specific ctype implementations.  
?C:.  
?H:#\$d\_setlocale HAS\_SETLOCALE /\*\*/  
?H:.  
?LINT:set d\_setlocale  
: see if setlocale exists  
set setlocale d\_setlocale  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setlocale.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_shmctl.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_shmctl.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:18 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_shmctl: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_shmctl:  
?S: This variable conditionally defines the HAS\_SHMCTL symbol, which  
?S: indicates to the C program that the shmctl() routine is available.  
?S:.  
?C:HAS\_SHMCTL:  
?C: This symbol, if defined, indicates that the shmctl() routine is  
?C: available to perform shared memory control operations.  
?C:.  
?H:#\$d\_shmctl HAS\_SHMCTL /\*\*/

```
?H:
?LINT:set d_shmctl
: see if shmctl exists
set shmctl d_shmctl
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shmctl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endpwent.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1998 Andy Dougherty
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?RCS: $Log: d_endpwent.U,v $
```

```
?RCS:
```

```
?MAKE:d_endpwent: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_endpwent:
```

```
?S: This variable conditionally defines the HAS_ENDPWENT symbol, which
```

```
?S: indicates to the C program that the endpwent() routine is available
```

```
?S: for sequential access of the passwd database.
```

```
?S:.
```

```
?C:HAS_ENDPWENT:
```

```
?C: This symbol, if defined, indicates that the getgrent routine is
```

```
?C: available for finalizing sequential access of the passwd database.
```

```
?C:.
```

```
?H:#$d_endpwent HAS_ENDPWENT /**/
```

```
?H:.
```

```
?LINT:set d_endpwent
```

```
: see if endpwent exists
```

```
set endpwent d_endpwent
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endpwent.U
```

No license file was found, but licenses were detected in source scan.

```
# $Id: errnolist.a,v 3.0 1993/08/18 12:04:35 ram Exp ram $
```

```
#
```

```
# Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
#
```

```
# You may redistribute only under the terms of the Artistic Licence,
```



```

# as specified in the README file that comes with the distribution.
# You may reuse parts of this distribution only within the terms of
# that same Artistic Licence; a copy of which may be found at the root
# of the source tree for dist 4.0.
#
# Original Author: Harlan Stenn <harlan@mumps.pfcs.com>
#
# $Log: errnolist.a,v $
# Revision 3.0 1993/08/18 12:04:35 ram
# Baseline for dist 3.0 netwide release.
#
#
# This is a simple-minded awk script to generate an initialization for
# sys_errnolist on systems that don't have it.
# This file now depends only on sys/errno.h error numbers under maxerr being
# in order. It will complain and die if not. NOTE: It will still produce
# a compilable output file, even with errors, so you must check the output.

```

```

BEGIN {
    format = "\t\"%s\", \n"
    printf("/*\n** This is a generated file. Do NOT edit it unless you really have to...\n*/\n\n")
    printf("char *sys_errnolist[] = {\n")
    maxerr = 89
}

```

```

$1=="#define" {
    if(count > maxerr || substr($2,1,1) != "E")
        next # we're not interested
    if($3 < count) { # this is bad
        printf("Fatal error: %s out of order at %s\n", \
            FILENAME, $2) > "/dev/tty"
        exit 1
    }
    # fill in the blanks
    while($3 > count) {
        dummy=sprintf("EDUMMY%d",count)
        printf(format,dummy)
        count++
    }
    printf(format,$2)
    count++
}

```

```

END {
    printf("\t0\n");
}

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/errnolist.a

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sitelib.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1996-1998, Andy Dougherty

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: sitelib.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?RCS: Revision 3.0.1.1 1997/02/28 16:21:35 ram

?RCS: patch61: created

?RCS:

?MAKE:sitelib sitelibexp installsitelib sitelib\_stem: cat Getfile Oldconfig \  
Setprefixvar Prefixit package version sed installstyle siteprefix

?MAKE: -pick add \$@ %<

?Y:TOP

?D:sitelib="

?S:sitelib:

?S: This variable contains the eventual value of the SITELIB symbol,

?S: which is the name of the private library for this package. It may

?S: have a ~ on the front. It is up to the makefile to eventually create

?S: this directory while performing installation (with ~ substitution).

?S: The standard distribution will put nothing in this directory.

?S: After perl has been installed, users may install their own local

?S: architecture-independent modules in this directory with

?S: MakeMaker Makefile.PL

?S: or equivalent. See INSTALL for details.

?S:.

?D:sitelibexp="

?S:sitelibexp:

?S: This variable is the ~name expanded version of sitelib, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installsitelib="

?S:installsitelib:

?S: This variable is really the same as sitelibexp but may differ on

?S: those systems using AFS. For extra portability, only this variable

?S: should be used in makefiles.

?S:.

?S:sitelib\_stem:

?S: This variable is \$sitelibexp with any trailing version-specific component

?S: removed. The elements in inc\_version\_list (inc\_version\_list.U) can

?S: be tacked onto this variable to generate a list of directories to search.

?S:.

?C:SITELIB:

?C: This symbol contains the name of the private library for this package.

?C: The library is private in the sense that it needn't be in anyone's

?C: execution path, but it should be accessible by the world. The program

?C: should be prepared to do ~ expansion.

?C: The standard distribution will put nothing in this directory.

?C: After perl has been installed, users may install their own local

?C: architecture-independent modules in this directory with

?C: MakeMaker Makefile.PL

?C: or equivalent. See INSTALL for details.

?C:.

?C:SITELIB\_EXP:

?C: This symbol contains the ~name expanded version of SITELIB, to be used

?C: in programs that are not prepared to deal with ~ expansion at run-time.

?C:.

?C:SITELIB\_STEM:

?C: This define is SITELIB\_EXP with any trailing version-specific component

?C: removed. The elements in inc\_version\_list (inc\_version\_list.U) can

?C: be tacked onto this variable to generate a list of directories to search.

?C:.

?H:#define SITELIB "\$sitelib" /\*\*/

?H:#define SITELIB\_EXP "\$sitelibexp" /\*\*/

?H:#define SITELIB\_STEM "\$sitelib\_stem" /\*\*/

?H:.

?T:prog

?LINT:change prefixvar

?LINT:set installsitelib

?LINT:set sitelib

?LINT:set sitelibexp

: determine where site specific libraries go.

: Usual default is /usr/local/lib/perl5/site\_perl/\$version

: The default "style" setting is made in installstyle.U

: XXX No longer works with Prefixit stuff.

?X: remove any trailing -3.0 or other version identification

prog=`echo \$package | \$sed 's/[-\*][0-9.]\*\$//`

case "\$sitelib" in

) case "\$installstyle" in

\*lib/perl5\*) dflt=\$siteprefix/lib/\$package/site\_\$prog/\$version ;;

\*) dflt=\$siteprefix/lib/site\_\$prog/\$version ;;

esac

::

```
*) dflt="$sitelib"
;;
esac
$cat <<EOM
```

The installation process will create a directory for site-specific extensions and modules. Most users find it convenient to place all site-specific files in this directory rather than in the main distribution directory.

```
EOM
fn=d~+
rp='Pathname for the site-specific library files?'
./getfile
prefixvar=sitelib
./setprefixvar
sitelib_stem=`echo "$sitelibexp" | sed "s,/$version$,,"`
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitelib.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_fd\_set.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:33:16 ram

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.2 1994/06/20 06:57:23 ram

?RCS: patch30: extended scope for fd\_set checks (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/01/24 14:06:27 ram

?RCS: patch16: comments for HAS\_FD\_\* symbols were not consistent

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:02 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_fd\_set d\_fd\_macros d\_fds\_bits: cat +cc +ccflags rm Oldconfig \

d\_socket i\_systime i\_sysselect i\_syssock

```

?MAKE: -pick add $@ %<
?S:d_fd_set:
?S: This variable contains the eventual value of the HAS_FD_SET symbol,
?S: which indicates if your C compiler knows about the fd_set typedef.
?S:.
?S:d_fd_macros:
?S: This variable contains the eventual value of the HAS_FD_MACROS symbol,
?S: which indicates if your C compiler knows about the macros which
?S: manipulate an fd_set.
?S:.
?S:d_fds_bits:
?S: This variable contains the eventual value of the HAS_FDS_BITS symbol,
?S: which indicates if your fd_set typedef contains the fds_bits member.
?S: If you have an fd_set typedef, but the dweebs who installed it did
?S: a half-fast job and neglected to provide the macros to manipulate
?S: an fd_set, HAS_FDS_BITS will let us know how to fix the gaffe.
?S:.
?C:HAS_FD_SET:
?C: This symbol, when defined, indicates presence of the fd_set typedef
?C: in <sys/types.h>
?C:.
?C:HAS_FD_MACROS:
?C: This symbol, when defined, indicates presence of the macros used to
?C: manipulate an fd_set.
?C:.
?C:HAS_FDS_BITS:
?C: This symbol, when defined, indicates presence of the fds_bits member in
?C: fd_set. This knowledge is useful if fd_set is available but the macros
?C: aren't.
?C:.
?H:#$d_fd_set HAS_FD_SET /**/
?H:#$d_fd_macros HAS_FD_MACROS /**/
?H:#$d_fds_bits HAS_FDS_BITS /**/
?H:.
?F:!fd_set
: check for fd_set items
$cat <<EOM

```

Checking to see how well your C compiler handles fd\_set and friends ...

EOM

```

?X: The FD_SET macros can be in strange places. On some SysV-based
?X: systems, they are in <sys/bsdtypes.h>, which is included (perhaps)
?X: by <sys/socket.h>. We won't force people to include
?X: <sys/bsdtypes.h> because it might introduce other
?X: incompatibilities.

```

```
$cat >fd_set.c <<EOCP
```

```
#$i_systime I_SYS_TIME
```

```
#$i_sysselect I_SYS_SELECT
```

```

#$d_socket HAS_SOCKET
#$i_syssock I_SYS_SOCKET
#include <sys/types.h>
#ifdef HAS_SOCKET
#ifdef I_SYS_SOCKET
#include <sys/socket.h> /* Might include <sys/bsdtypes.h> */
#endif
#endif
#ifdef I_SYS_TIME
#include <sys/time.h>
#endif
#ifdef I_SYS_SELECT
#include <sys/select.h>
#endif
int main() {
    fd_set fds;

#ifdef TRYBITS
    if(fds.fds_bits);
#endif

#if defined(FD_SET) && defined(FD_CLR) && defined(FD_ISSET) && defined(FD_ZERO)
    exit(0);
#else
    exit(1);
#endif
}
EOCP
if $cc $ccflags -DTRYBITS -o fd_set fd_set.c >fd_set.out 2>&1 ; then
    d_fds_bits="$define"
    d_fd_set="$define"
    echo "Well, your system knows about the normal fd_set typedef..." >&4
    if ./fd_set; then
        echo "and you have the normal fd_set macros (just as I'd expect)." >&4
        d_fd_macros="$define"
    else
        $cat >&4 <<'EOM'
but not the normal fd_set macros! Gaaack! I'll have to cover for you.
EOM
        d_fd_macros="$undef"
    fi
    else
        $cat <<'EOM'
Hmm, your compiler has some difficulty with fd_set. Checking further...
EOM
    if $cc $ccflags -o fd_set fd_set.c >fd_set.out 2>&1 ; then
        d_fds_bits="$undef"
        d_fd_set="$define"

```

```

echo "Well, your system has some sort of fd_set available..." >&4
if ./fd_set; then
  echo "and you have the normal fd_set macros." >&4
  d_fd_macros="$define"
else
  $cat <<'EOM'
but not the normal fd_set macros! Gross! More work for me...
EOM
  d_fd_macros="$undef"
fi
else
echo "Well, you got zip. That's OK, I can roll my own fd_set stuff." >&4
d_fd_set="$undef"
d_fds_bits="$undef"
d_fd_macros="$undef"
fi
fi
$rm -f fd_set*

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fd_set.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fp\_class: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fp\_class:

?S: This variable conditionally defines the HAS\_FP\_CLASS symbol, which

?S: indicates to the C program that the fp\_class() routine is available.

?S:.

?C:HAS\_FP\_CLASS:

?C: This symbol, if defined, indicates that the fp\_class routine is

?C: available to classify doubles. Available for example in Digital UNIX.

?C: The returned values are defined in <math.h> and are:

?C:

?C: FP\_SNAN        Signaling NaN (Not-a-Number)

?C: FP\_QNAN       Quiet NaN (Not-a-Number)

?C: FP\_POS\_INF    +infinity

?C: FP\_NEG\_INF    -infinity

?C: FP\_POS\_NORM   Positive normalized

?C: FP\_NEG\_NORM   Negative normalized

```
?C: FP_POS_DENORM    Positive denormalized
?C: FP_NEG_DENORM    Negative denormalized
?C: FP_POS_ZERO      +0.0 (positive zero)
?C: FP_NEG_ZERO      -0.0 (negative zero)
?C:.
?H:#$d_fp_class HAS_FP_CLASS /**/
?H:.
?LINT:set d_fp_class
: see if fp_class exists
set fp_class d_fp_class
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fp_class.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Thomas Neumann <tom@smart.bo.open.de>
?RCS:
?RCS: $Log: Findhdr.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 15:53:08 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:03:56 ram
?RCS: patch23: cppminus must be after other cppflags, not before
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:54 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a findhdr script which is used to locate the header
?X: files in $usrinc or other stranger places using cpp capabilities. The
?X: script is given an include file base name, like 'stdio.h' or 'sys/file.h'
?X: and it returns the full path of the include file and a zero status or an
?X: empty string with an error status if the file could not be located.
?X:
?MAKE:Findhdr: grep test tr rm +usrinc awk cat startsh \
    cppstdin cppminus +cppflags eunicefix osname
```



```

?MAKE: -pick add $@ %<
?LINT:define fieldn
?S:fieldn:
?S: This variable is used internally by Configure. It contains the position
?S: of the included file name in cpp output. That is to say, when cpp
?S: pre-processes a #include <file> line, it replaces it by a # line which
?S: contains the original position in the input file and the full name of
?S: included file, between "quotes".
?S:.
?V:fieldn
?F:./findhdr !fieldn
?T:cline pos wanted name awkprg cppfilter testaccess status usrincdir
: determine filename position in cpp output
echo " "
echo "Computing filename position in cpp output for #include directives..." >&4
echo '#include <stdio.h>' > foo.c
case "$osname" in
vos)
testaccess=-e
?X: VOS: path component separator is >
cppfilter="tr '\\\>' '/' |"
;;
*)
testaccess=-r
cppfilter="
;;
esac
$cat >fieldn <<EOF
$startsh
$cppstdin $cppflags $cppminus <foo.c 2>/dev/null | \
$grep '^[ ]*#.*stdio.h' | \
while read cline; do
pos=1
set \ $cline
while $test \ $# -gt 0; do
if $test $testaccess `echo \ $1 | $tr -d "'"; then
echo "\ $pos"
exit 0
fi
shift
pos=`expr \ $pos + 1`
done
done
EOF
chmod +x fieldn
fieldn=`./fieldn`
$rm -f foo.c fieldn
case $fieldn in

```

```

") pos='???';;
1) pos=first;;
2) pos=second;;
3) pos=third;;
*) pos="{fieldn}th";;
esac
echo "Your cpp writes the filename in the $pos field of the line."

```

?X: To locate a header file, we cannot simply check for \$usrinc/file.h, since  
?X: some machine have the headers in weird places and our only hope is that  
?X: the C pre-processor will know how to find those headers. Thank you Next!

: locate header file

```

$cat >findhdr <<EOF
$startsh
wanted=\$1
name=""
for usrincdir in $usrinc; do
if test -f \$usrincdir/\$wanted; then
echo "\$usrincdir/\$wanted"
exit 0
fi
done
awkprg='{ print \$${fieldn }'
echo "#include <\$wanted>" > foo\$\$.c
$cpptest $cpptestminus $cppflags < foo\$\$.c 2>/dev/null | \
$cppfilter $grep "^[ ]*#.*\$wanted" | \
while read cline; do
name=\`echo \$cline | $awk "\$awkprg" | $str -d ""\`
case "\$name" in
*[\|\\]\$wanted) echo "\$name"; exit 1;;
*[\|\\]\$wanted) echo "\$name"; exit 1;;
*) exit 2;;
esac
done
?X: status = 0: grep returned 0 lines, case statement not executed
?X: status = 1: headerfile found
?X: status = 2: while loop executed, no headerfile found
status=\$?
$rm -f foo\$\$.c
if test \$status -eq 1; then
exit 0
fi
exit 1
EOF
chmod +x findhdr
$seunicefix findhdr

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Findhdr.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: make.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: make.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 16:09:40 ram
?RCS: patch61: created
?RCS:
?MAKE:make_set_make : Loc rm sed make
?MAKE: -pick add $@ %<
?S:make_set_make:
?S: Some versions of 'make' set the variable MAKE. Others do not.
?S: This variable contains the string to be included in Makefile.SH
?S: so that MAKE is set if needed, and not if not needed.
?S: Possible values are:
?S:
?S: make_set_make='#' # If your make program handles this for you,
?S:
?S: make_set_make="MAKE=$make" # if it doesn't.
?S:
?S: This uses a comment character so that we can distinguish a
?S: 'set' value (from a previous config.sh or Configure -D option)
?S: from an uncomputed value.
?S:.
?LINT: extern MAKE
?LINT: change MAKE
?X: This test is based on one from an autoconf-generated configure
?X: script. Autoconf stole a lot from Configure, but now it's our
?X: turn to do so... ;-) -- RAM, 21/02/97
: check whether make sets MAKE
echo " "
echo "Checking if your $make program sets \$(MAKE)..." >&4
case "$make_set_make" in
")
?X: Use sed so we don't have a line begining with @echo. Metaconfig
?X: will think that's a command like @if or @end.
$sed 's/^X //' > testmake.mak << 'EOF'
```

```

Xall:
X @echo 'maketemp="$(MAKE)'"
EOF
?X: GNU make sometimes prints "make[1]: Entering...", which would confuse us
case "`$make -f testmake.mak 2>/dev/null`" in
*maketemp=*) make_set_make='#' ;;
*) make_set_make="MAKE=$make" ;;
esac
$rm -f testmake.mak
;;
esac
case "$make_set_make" in
'#') echo "Yup, it does.";;
*) echo "Nope, it doesn't.";;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/make.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_ffs.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_ffs.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:03 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_ffs: Inlibc
?MAKE: -pick add $@ %<
?S:d_ffs:
?S: This variable conditionally defines the HAS_FFS symbol, which
?S: indicates to the C program that the ffs() routine is available
?S: to find the first bit which is set in its integer argument.
?S:.
?C:HAS_FFS:
?C: This symbol, if defined, indicates that the ffs routine is available
?C: to find the first bit set in its argument. If it's not available,
?C: roll your own.
?C:.
?H:#$d_ffs HAS_FFS /**/

```

```
?H:
?LINT:set d_ffs
: see if ffs exists
set ffs d_ffs
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ffs.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_drem.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_drem.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:12:14 ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_drem: Inlibc
?MAKE: -pick add $@ %<
?S:d_drem:
?S: This variable conditionally defines the HAS_DREM symbol, which
?S: indicates to the C program that the drem() routine is available.
?S:
?C:HAS_DREM :
?C: This symbol, if defined, indicates that the drem routine is
?C: available. This routine is roughly the same as fmod, i.e. it
?C: computes the remainder  $r=x-n*y$ , where  $n=\text{rint}(x/y)$ , whereas fmod
?C: uses  $n=\text{trunc}(x/y)$ .
?C:
?H:#$d_drem HAS_DREM /**/
?H:
?LINT:set d_drem
: see if drem exists
set drem d_drem
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/d\_drem.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_memmove.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memmove.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:35 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memmove: Inlibc
?MAKE:-pick add $@ %<
?S:d_memmove:
?S: This variable conditionally defines the HAS_MEMMOVE symbol, which
?S: indicates to the C program that the memmove() routine is available
?S: to copy potentially overlapping blocks of memory.
?S:.
?C:HAS_MEMMOVE:
?C: This symbol, if defined, indicates that the memmove routine is available
?C: to copy potentially overlapping blocks of memory. This should be used
?C: only when HAS_SAFE_BCOPY is not defined. If neither is there, roll your
?C: own version.
?C:.
?H:#$d_memmove HAS_MEMMOVE /**/
?H:.
?LINT:set d_memmove
: see if memmove exists
set memmove d_memmove
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memmove.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_static_inline.U,v $
?RCS:
?RCS: Copyright (c) 2010 Andrew Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
```

?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.

?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafayette.edu>  
?RCS:

?MAKE:d\_static\_inline perl\_static\_inline: Compile Setvar gccversion \  
cat echo run hint rm rm\_try  
?MAKE: -pick add \$@ %<

?S:d\_static\_inline:  
?S: This variable conditionally defines the HAS\_STATIC\_INLINE symbol,  
?S: which indicates that the C compiler supports C99-style static  
?S: inline. That is, the function can't be called from another  
?S: translation unit.  
?S:.  
?S:perl\_static\_inline:  
?S: This variable defines the PERL\_STATIC\_INLINE symbol to  
?S: the best-guess incantation to use for static inline functions.  
?S: Possibilities include  
?S: static inline (c99)  
?S: static \_\_inline\_\_ (gcc -ansi)  
?S: static \_\_inline (MSVC)  
?S: static \_inline (older MSVC)  
?S: static (c89 compilers)  
?S:.

?C:HAS\_STATIC\_INLINE :  
?C: This symbol, if defined, indicates that the C compiler supports  
?C: C99-style static inline. That is, the function can't be called  
?C: from another translation unit.  
?C:.  
?C:PERL\_STATIC\_INLINE:  
?C: This symbol gives the best-guess incantation to use for static  
?C: inline functions. If HAS\_STATIC\_INLINE is defined, this will  
?C: give C99-style inline. If HAS\_STATIC\_INLINE is not defined,  
?C: this will give a plain 'static'. It will always be defined  
?C: to something that gives static linkage.  
?C: Possibilities include  
?C: static inline (c99)  
?C: static \_\_inline\_\_ (gcc -ansi)  
?C: static \_\_inline (MSVC)  
?C: static \_inline (older MSVC)  
?C: static (c89 compilers)  
?C:.

?H:#\$d\_static\_inline HAS\_STATIC\_INLINE /\*\*/  
?H:#define PERL\_STATIC\_INLINE \$perl\_static\_inline /\*\*/  
?H:.  
?LINT:set d\_static\_inline  
?T:inline xxx

```

?F:!try
: see what flavor, if any, of static inline is supported
echo " "
echo "Checking to see if your system supports static inline..."
?X: Build two programs. The first uses static inline in file a.c and
?X: should work. The second also includes b.c which tries to link against
?X: the static function in a.c. This should fail.
?X:.
$cat > try.c <<'EOCP'
#include <stdlib.h>
extern int f_via_a(int x);
extern int f_via_b(int x);
int main(int argc, char **argv)
{
    int y;

    y = f_via_a(0);
#ifdef USE_B
    y = f_via_b(0);
#endif
    if (y == 42) {
        return EXIT_SUCCESS;
    }
    else {
        return EXIT_FAILURE;
    }
}
EOCP
$cat > a.c <<'EOCP'
static INLINE int f(int x) {
    int y;
    y = x + 42;
    return y;
}

int f_via_a(int x)
{
    return f(x);
}
EOCP
$cat > b.c <<'EOCP'
extern int f(int x);

int f_via_b(int x)
{
    return f(x);
}
EOCP

```



```

# Respect a hint (or previous) value for perl_static_inline, if there is one.
case "$perl_static_inline" in
") # Check the various possibilities, and break out on success.
# For gcc, prefer __inline__, which will still permit
# cflags.SH to add in -ansi.
case "$gccversion" in
") xxx="inline __inline__ __inline _inline";;
*) xxx="__inline__ inline __inline _inline";;
esac
for inline in $xxx; do
set try -DINLINE=$inline a.c
if eval $compile && $run ./try; then
# Now make sure there is no external linkage of static
# functions
set try -DINLINE=$inline -DUSE_B a.c b.c
if eval $compile && $run ./try; then
$echo "Your compiler supports static $inline, " >&4
$echo "but it also creates an external definition," >&4
$echo "so I won't use it." >&4
val=$undef
else
$echo "Your compiler supports static $inline." >&4
val=$define
perl_static_inline="static $inline";
break;
fi
else
$echo "Your compiler does NOT support static $inline." >&4
val="$undef"
fi
done
;;
*inline*) # Some variant of inline exists.
echo "Keeping your $hint value of $perl_static_inline."
val=$define
;;
static) # No inline capabilities
echo "Keeping your $hint value of $perl_static_inline."
val=$undef
;;
*) # Unrecognized previous value -- blindly trust the supplied
# value and hope it makes sense. Use old value for
# d_static_inline, if there is one.
echo "Keeping your $hint value of $perl_static_inline."
case "$d_static_inline" in
") val=$define ;;
*) val=$d_static_inline ;;

```

```

esac
;;
esac
# Fallback to plain 'static' if nothing worked.
case "$perl_static_inline" in
")
perl_static_inline="static"
val=$undef
;;
esac
set d_static_inline
eval $setvar
$rm -f a.[co] b.[co]
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_static_inline.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: nblock_io.U,v 3.0.1.2 1997/02/28 16:17:14 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: nblock_io.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 16:17:14 ram
?RCS: patch61: simplify here document for shells that can't handle them well
?RCS: patch61: force use of "startsh" at the head of the generated script
?RCS: patch61: added new files to the ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.1 1995/07/25 14:13:22 ram
?RCS: patch56: created
?RCS:
?X:
?X: Simplify here document for shells that can't handle them well.
?X: (Problem reported on FreeBSD; it's unclear if this helps.) --AD
?X:
?MAKE:o_nonblock eagain rd_nodata d_eofnblk: cat rm_try Compile run \
d_open3 h_sysfile h_fcntl signal_t hint Oldconfig Setvar \
startsh i_unistd i_fcntl i_stdlib d_fork d_pipe d_alarm
?MAKE: -pick add $@ %<
?S:o_nonblock:

```

?S: This variable bears the symbol value to be used during open() or fcntl()  
 ?S: to turn on non-blocking I/O for a file descriptor. If you wish to switch  
 ?S: between blocking and non-blocking, you may try ioctl(FIOSNBIO) instead,  
 ?S: but that is only supported by some devices.  
 ?S:.  
 ?S:eagain:  
 ?S: This variable bears the symbolic errno code set by read() when no  
 ?S: data is present on the file and non-blocking I/O was enabled (otherwise,  
 ?S: read() blocks naturally).  
 ?S:.  
 ?S:rd\_nodata:  
 ?S: This variable holds the return code from read() when no data is  
 ?S: present. It should be -1, but some systems return 0 when O\_NDELAY is  
 ?S: used, which is a shame because you cannot make the difference between  
 ?S: no data and an EOF.. Sigh!  
 ?S:.  
 ?S:d\_eofnblk:  
 ?S: This variable conditionally defines EOF\_NONBLOCK if EOF can be seen  
 ?S: when reading from a non-blocking I/O source.  
 ?S:.  
 ?C:VAL\_O\_NONBLOCK:  
 ?C: This symbol is to be used during open() or fcntl(F\_SETFL) to turn on  
 ?C: non-blocking I/O for the file descriptor. Note that there is no way  
 ?C: back, i.e. you cannot turn it blocking again this way. If you wish to  
 ?C: alternatively switch between blocking and non-blocking, use the  
 ?C: ioctl(FIOSNBIO) call instead, but that is not supported by all devices.  
 ?C:.  
 ?C:VAL\_EAGAIN:  
 ?C: This symbol holds the errno error code set by read() when no data was  
 ?C: present on the non-blocking file descriptor.  
 ?C:.  
 ?C:RD\_NODATA:  
 ?C: This symbol holds the return code from read() when no data is present  
 ?C: on the non-blocking file descriptor. Be careful! If EOF\_NONBLOCK is  
 ?C: not defined, then you can't distinguish between no data and EOF by  
 ?C: issuing a read(). You'll have to find another way to tell for sure!  
 ?C:.  
 ?C:EOF\_NONBLOCK:  
 ?C: This symbol, if defined, indicates to the C program that a read() on  
 ?C: a non-blocking file descriptor will return 0 on EOF, and not the value  
 ?C: held in RD\_NODATA (-1 usually, in that case!).  
 ?C:.  
 ?H:#define VAL\_O\_NONBLOCK \$o\_nonblock  
 ?H:#define VAL\_EAGAIN \$eagain  
 ?H:#define RD\_NODATA \$rd\_nodata  
 ?H:#\$d\_eofnblk EOF\_NONBLOCK  
 ?H:.  
 ?T:status

```

?F:!try.out !try.ret !try.err !try !mtry
?LINT:use d_open3
: check for non-blocking I/O stuff
case "$h_sysfile" in
true) echo "#include <sys/file.h>" > head.c;;
*)
    case "$h_fcntl" in
    true) echo "#include <fcntl.h>" > head.c;;
    *) echo "#include <sys/fcntl.h>" > head.c;;
    esac
    ;;
esac
echo " "
echo "Figuring out the flag used by open() for non-blocking I/O..." >&4
case "$o_nonblock" in
")
$cat head.c > try.c
$cat >>try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#$i_fcntl I_FCNTL
#ifdef I_FCNTL
#include <fcntl.h>
#endif
int main() {
#ifdef O_NONBLOCK
printf("O_NONBLOCK\n");
exit(0);
#endif
#ifdef O_NDELAY
printf("O_NDELAY\n");
exit(0);
#endif
?X: Stevens "Advanced Programming in the UNIX Environment" page 364 mentions
?X: the FNDELAY symbol, used in 4.3BSD (source: Paul Marquess).
#ifdef FNDELAY
printf("FNDELAY\n");
exit(0);
#endif
exit(0);
}
EOCP
set try
if eval $compile_ok; then
o_nonblock=`$run ./try`

```

```

case "$o_nonblock" in
") echo "I can't figure it out, assuming O_NONBLOCK will do.";;
*) echo "Seems like we can use $o_nonblock.";;
esac
else
echo "(I can't compile the test program; pray O_NONBLOCK is right!)"
fi
;;
*) echo "Using $hint value $o_nonblock.";;
esac
$rm_try

echo " "
echo "Let's see what value errno gets from read() on a $o_nonblock file..." >&4
case "$eagain" in
")
case "$d_fork:$d_pipe:$d_alarm" in
define:define:define)
$cat head.c > try.c
$cat >>try.c <<EOCP
#include <errno.h>
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#$i_fcntl I_FCNTL
#ifdef I_FCNTL
#include <fcntl.h>
#endif
#define MY_O_NONBLOCK $o_nonblock
#ifndef errno /* XXX need better Configure test */
extern int errno;
#endif
#$i_unistd I_UNISTD
#ifdef I_UNISTD
#include <unistd.h>
#endif
#include <string.h>
$signal_t blech(int x) { exit(3); }
EOCP
$cat >> try.c <<'EOCP'
int main()
{
int pd[2];
int pu[2];

```

```

char buf[1];
char string[100];
int ret;

ret = pipe(pd); /* Down: child -> parent */
if (ret != 0)
    exit(3);
ret = pipe(pu); /* Up: parent -> child */
if (ret != 0)
    exit(3);
if (0 != fork()) {
    close(pd[1]); /* Parent reads from pd[0] */
    close(pu[0]); /* Parent writes (blocking) to pu[1] */
#ifdef F_SETFL
    if (-1 == fcntl(pd[0], F_SETFL, MY_O_NONBLOCK))
        exit(1);
#else
    exit(4);
#endif
    signal(SIGALRM, blech);
    alarm(5);
    if ((ret = read(pd[0], buf, 1)) > 0) /* Nothing to read! */
        exit(2);
    sprintf(string, "%d\n", ret);
    ret = write(2, string, strlen(string));
    if (ret != strlen(string))
        exit(3);
    alarm(0);
#ifdef EAGAIN
    if (errno == EAGAIN) {
        printf("EAGAIN\n");
        goto ok;
    }
#endif
#ifdef EWOULDBLOCK
    if (errno == EWOULDBLOCK)
        printf("EWOULDBLOCK\n");
#endif
ok:
    ret = write(pu[1], buf, 1); /* Unblocks child, tell it to close our pipe */
    if (ret != 1)
        exit(3);
    sleep(2); /* Give it time to close our pipe */
    alarm(5);
    ret = read(pd[0], buf, 1); /* Should read EOF */
    alarm(0);
    sprintf(string, "%d\n", ret);
    ret = write(4, string, strlen(string));

```

```

if (ret != strlen(string))
    exit(3);
exit(0);
}

close(pd[0]); /* We write to pd[1] */
close(pu[1]); /* We read from pu[0] */
ret = read(pu[0], buf, 1); /* Wait for parent to signal us we may continue */
if (ret != 1)
    exit(3);
close(pd[1]); /* Pipe pd is now fully closed! */
exit(0); /* Bye bye, thank you for playing! */
}

```

## EOCP

```

set -x
if eval $compile_ok; then
?X: Use script to avoid the possible 'alarm call' message
echo "$startsh" >mtry
echo "$run ./try >try.out 2>try.ret 4>try.err || exit 4" >>mtry
chmod +x mtry
$run ./mtry >/dev/null 2>&1
case $? in
0) eagain=`$cat try.out`;
1) echo "Could not perform non-blocking setting!";;
2) echo "I did a successful read() for something that was not there!";;
3) echo "Hmm... non-blocking I/O does not seem to be working!";;
4) echo "Could not find F_SETFL!";;
*) echo "Something terribly wrong happened during testing.";;
esac
rd_nodata=`$cat try.ret`
echo "A read() system call with no data present returns $rd_nodata."
case "$rd_nodata" in
0|-1) ;;
*)
echo "(That's peculiar, fixing that to be -1.)"
rd_nodata=-1
;;
esac
case "$eagain" in
")
echo "Forcing errno EAGAIN on read() with no data available."
eagain=EAGAIN
;;
*)
echo "Your read() sets errno to $eagain when no data is available."
;;
esac
status=`$cat try.err`

```

```

case "$status" in
0) echo "And it correctly returns 0 to signal EOF.";;
-1) echo "But it also returns -1 to signal EOF, so be careful!";;
*) echo "However, your read() returns '$status' on EOF??";;
esac
val="$define"
if test "$status" = "$rd_nodata"; then
    echo "WARNING: you can't distinguish between EOF and no data!"
    val="$undef"
fi
else
    echo "I can't compile the test program--assuming errno EAGAIN will do."
    eagain=EAGAIN
fi
;;
*) echo "Can't figure out how to test this--assuming errno EAGAIN will do."
    eagain=EAGAIN
    val="$define"
    ;;
esac
set d_eofnblk
eval $setvar
;;
*)
echo "Using $hint value $eagain."
echo "Your read() returns $rd_nodata when no data is present."
case "$d_eofnblk" in
"$define") echo "And you can see EOF because read() returns 0.";;
"$undef") echo "But you can't see EOF status from read() returned value.";;
*)
?X: Should not happen, but if it does, assume the worst!
    echo "(Assuming you can't see EOF status from read anyway.)"
    d_eofnblk=$undef
    ;;
esac
;;
esac
$rm_try head.c mtry

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/nblock_io.U
```

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2017-2018, H.Merijn Brand

?RCS:

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?RCS: as specified in the README file that comes with the distribution.



?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?MAKE:d\_accept4: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_accept4:  
?S: This variable conditionally defines HAS\_ACCEPT4 if accept4() is  
?S: available to accept socket connections.  
?S:.  
?C:HAS\_ACCEPT4:  
?C: This symbol, if defined, indicates that the accept4 routine is  
?C: available to accept socket connections.  
?C:.  
?H:#\$d\_accept4 HAS\_ACCEPT4 /\*\*/  
?H:.  
?LINT:set d\_accept4  
: see if accept4 exists  
set accept4 d\_accept4  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_accept4.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_varhdr.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
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?RCS: as specified in the README file that comes with the distribution.  
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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: i\_varhdr.U,v \$  
?RCS: Revision 3.0.1.3 1997/02/28 15:54:42 ram  
?RCS: patch61: varargs script now starts with leading "startsh"  
?RCS:  
?RCS: Revision 3.0.1.2 1994/10/29 16:21:02 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS:  
?RCS: Revision 3.0.1.1 1994/05/13 15:26:05 ram  
?RCS: patch27: this unit now supersedes old i\_stdarg.U and i\_varargs.U  
?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:08:49 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_stdarg i\_varargs i\_varhdr: cat +cc +ccflags rm test Setvar \  
Findhdr startsh \_o

?MAKE: -pick add \$@ %<

?S:i\_stdarg:

?S: This variable conditionally defines the I\_STDARG symbol, which  
?S: indicates to the C program that <stdarg.h> exists and should  
?S: be included.

?S:.

?S:i\_varargs:

?S: This variable conditionally defines I\_VARARGS, which indicates  
?S: to the C program that it should include <varargs.h>.

?S:.

?S:i\_varhdr:

?S: Contains the name of the header to be included to get va\_dcl definition.  
?S: Typically one of varargs.h or stdarg.h.

?S:.

?C:I\_STDARG:

?C: This symbol, if defined, indicates that <stdarg.h> exists and should  
?C: be included.

?C:.

?C:I\_VARARGS:

?C: This symbol, if defined, indicates to the C program that it should  
?C: include <varargs.h>.

?C:.

?H:#\$i\_stdarg I\_STDARG /\*\*/  
?H:#\$i\_varargs I\_VARARGS /\*\*/  
?H:.

?W:%<:va\_dcl

?F:!varargs

?T:valstd

?LINT:set i\_stdarg i\_varargs

?X:

?X: Don't use setvar because the varargs test below might override these.  
?X: Actually, the messages here are just informative. We don't wish to set  
?X: i\_varargs or i\_stdarg to their final value before knowing which of the  
?X: two we'll include.

?X:

```

: see if stdarg is available
echo " "
if $test `./findhdr stdarg.h`; then
echo "<stdarg.h> found." >&4
valstd="$define"
else
echo "<stdarg.h> NOT found." >&4
valstd="$undef"
fi

```

```

: see if varargs is available
echo " "
if $test `./findhdr varargs.h`; then
echo "<varargs.h> found." >&4
else
echo "<varargs.h> NOT found, but that's ok (I hope)." >&4
fi

```

?X:

?X: if you have stdarg.h, you need to support prototypes to actually use it;

?X: but if stdarg.h exists and the compiler doesn't support prototypes (for some

?X: bizarre reason), we'll fall back to varargs.h anyway so it's not so bad.

?X:

: set up the varargs testing programs

```
$cat > varargs.c <<EOP
```

```
#ifdef I_STDARG
```

```
#include <stdarg.h>
```

```
#endif
```

```
#ifdef I_VARARGS
```

```
#include <varargs.h>
```

```
#endif
```

```
#ifdef I_STDARG
```

```
int f(char *p, ...)
```

```
#else
```

```
int f(va_alist)
```

```
va_dcl
```

```
#endif
```

```
{
```

```
va_list ap;
```

```
#ifndef I_STDARG
```

```
char *p;
```

```
#endif
```

```
#ifdef I_STDARG
```

```
va_start(ap,p);
```

```
#else
```

```
va_start(ap);
```

```
p = va_arg(ap, char *);
```

```
#endif
```

```
va_end(ap);
```

```
return 0;
```

```
}
```

```
EOP
```

```
$cat > varargs <<EOP
```

```
$startsh
```

```
if $cc -c $ccflags -D\${1} varargs.c >/dev/null 2>&1; then
```

```
echo "true"
```

```

else
  echo "false"
fi
$rm -f varargs$_o
EOP
chmod +x varargs

: now check which varargs header should be included
echo " "
i_varhdr="
val="
case "$valstd" in
"$define")
  if `./varargs I_STDARG`; then
    val='stdarg.h'
  elif `./varargs I_VARARGS`; then
    val='varargs.h'
  fi
  ;;
*)
  if `./varargs I_VARARGS`; then
    val='varargs.h'
  fi
  ;;
esac
case "$val" in
")
  echo " "
  echo "**** WHOA THERE!!! ****" >&4
  echo "  Your C compiler \"$cc\" doesn't seem to support stdarg or varargs!" >&4
  case "$knowitall" in
  ")
    echo "  I'm giving up; maybe you can try again with a different compiler?" >&4
    exit 1
    ;;
  esac
  echo "I could not find the definition for va_dcl... You have problems..." >&4
  val="$undef"; set i_stdarg; eval $setvar
  val="$undef"; set i_varargs; eval $setvar
  ;;
*)
  set i_varhdr
  eval $setvar
  case "$i_varhdr" in
  stdarg.h)
    val="$define"; set i_stdarg; eval $setvar
    val="$undef"; set i_varargs; eval $setvar
  ;;

```

```

varargs.h)
val="$undef"; set i_stdarg; eval $setvar
val="$define"; set i_varargs; eval $setvar
;;
esac
echo "We'll include <${i_varhdr}> to get va_dcl definition." >&4;;
esac
$rm -f varargs*

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_varhdr.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_tmpnam\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_tmpnam\_r tmpnam\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
 usethreads extern\_C

?MAKE: -pick add \$@ %<

?S:d\_tmpnam\_r:

?S: This variable conditionally defines the HAS\_TMPNAM\_R symbol,

?S: which indicates to the C program that the tmpnam\_r()

?S: routine is available.

?S:.

?S:tmpnam\_r\_proto:

?S: This variable encodes the prototype of tmpnam\_r.

?S: It is zero if d\_tmpnam\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_tmpnam\_r

?S: is defined.

?S:.

?C:HAS\_TMPNAM\_R:

?C: This symbol, if defined, indicates that the tmpnam\_r routine

?C: is available to tmpnam re-entrantly.

?C:.

?C:TMPNAM\_R\_PROTO:

?C: This symbol encodes the prototype of tmpnam\_r.

?C: It is zero if d\_tmpnam\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_tmpnam\_r

?C: is defined.

?C:.

?H:#\$d\_tmpnam\_r HAS\_TMPNAM\_R /\*\*/

?H:#define TMPNAM\_R\_PROTO \$tmpnam\_r\_proto /\*\*/

```

?H:
?T:try hdrs d_tmpnam_r_proto
: see if tmpnam_r exists
set tmpnam_r d_tmpnam_r
eval $inlibc
case "$d_tmpnam_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h "
case "$d_tmpnam_r_proto:$usethreads" in
":define") d_tmpnam_r_proto=define
set d_tmpnam_r_proto tmpnam_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_tmpnam_r_proto" in
define)
case "$tmpnam_r_proto" in
"|0) try='char* tmpnam_r(char*);'
./protochk "$$extern_C $try" $hdrs && tmpnam_r_proto=B_B ;;
esac
case "$tmpnam_r_proto" in
"|0) d_tmpnam_r=undef
tmpnam_r_proto=0
echo "Disabling tmpnam_r, cannot determine prototype." >&4 ;;
*) case "$tmpnam_r_proto" in
REENTRANT_PROTO*) ;;
*) tmpnam_r_proto="REENTRANT_PROTO_$tmpnam_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "tmpnam_r has no prototype, not using it." >&4 ;;
esac
d_tmpnam_r=undef
tmpnam_r_proto=0
;;
esac
;;
*) tmpnam_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_tmpnam_r.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_siglist.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_siglist.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:22 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_siglist: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_siglist:
?S: This variable conditionally defines HAS_SYS_SIGLIST if sys_siglist[] is
?S: available to translate signal numbers to strings.
?S:.
?C:HAS_SYS_SIGLIST (SYS_SIGLIST):
?C: This symbol, if defined, indicates that the sys_siglist array is
?C: available to translate signal numbers to strings.
?C:.
?H:#$d_siglist HAS_SYS_SIGLIST /**/
?H:.
?LINT:set d_siglist
: see if sys_siglist[] exist
echo " "
if set sys_siglist val -a d_siglist; eval $csym; $val; then
echo "You have sys_siglist[] for signal description." >&4
val="$define"
else
echo "You don't have sys_siglist[]." >&4
val="$undef"
fi
set d_siglist
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_siglist.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: sizetype.U,v 3.0.1.1 1994/08/29 16:32:10 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:

```

```

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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: sizetype.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:32:10 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:sizetype: Myread Typedef
?MAKE: -pick add $@ %<
?S:sizetype:
?S: This variable defines sizetype to be something like size_t,
?S: unsigned long, or whatever type is used to declare length
?S: parameters for string functions.
?S:.
?C:Size_t:
?C: This symbol holds the type used to declare length parameters
?C: for string functions. It is usually size_t, but may be
?C: unsigned long, int, etc. It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Size_t $sizetype /* length parameter for string functions */
?H:.
?LINT: set sizetype
: see what type is used for size_t
rp="What is the type used for the length parameter for string functions?"
set size_t sizetype 'unsigned int' stdio.h sys/types.h
eval $typedef_ask

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/typedefs/sizetype.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:

```



```

?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: Original author Jarkko Hietaniemi <jhi@iki.fi>
?RCS: Merged into dist by Andy Dougherty July 13, 1998
?RCS:
?MAKE:trnl: Nothing
?MAKE: -pick add $@ %<
?S:trnl:
?S: This variable contains the value to be passed to the tr(1)
?S: command to transliterate a newline. Typical values are
?S: '\012' and '\n'. This is needed for EBCDIC systems where
?S: newline is not necessarily '\012'.
?S:.
?T: DJGPP
: Find the appropriate value for a newline for tr
?X: We can't use $tr since that would cause a circular dependency via Myread
?X: dos djgpp uses '\015\012', but reportedly is happy with '\012' in the
?X: tr command. I don't know why it passes the '\n' test but later
?X: refuses to work correctly with it. --AD 6/14/98
if test -n "$DJGPP"; then
    trnl='\012'
fi
if test X"$trnl" = X; then
    case "`echo foo | tr '\n' x 2>/dev/null`" in
    foox) trnl='\n' ;;
    esac
fi
if test X"$trnl" = X; then
    case "`echo foo | tr '\012' x 2>/dev/null`" in
    foox) trnl='\012' ;;
    esac
fi
if test X"$trnl" = X; then
    case "`echo foo | tr '\r\n' xy 2>/dev/null`" in
    fooxy) trnl='\n\r' ;;
    esac
fi
if test X"$trnl" = X; then
    cat <<EOM >&2

```

\$me: Fatal Error: cannot figure out how to translate newlines with 'tr'.

```

EOM
exit 1
fi

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/trnl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: usenm.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:26:40 ram

?RCS: patch61: don't use nm with the GNU C library

?RCS: patch61: added support for Linux shared libs

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:57 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:usenm runnm nm\_opt nm\_so\_opt: cat test Myread Oldconfig grep \  
d\_gnulibc nm egrep rsrc osname Guess

?MAKE: -pick add \$@ %<

?S:usenm:

?S: This variable contains 'true' or 'false' depending whether the

?S: nm extraction is wanted or not.

?S:.

?S:runnm:

?S: This variable contains 'true' or 'false' depending whether the

?S: nm extraction should be performed or not, according to the value

?S: of usenm and the flags on the Configure command line.

?S:.

?S:nm\_opt:

?S: This variable holds the options that may be necessary for nm.

?S:.

?S:nm\_so\_opt:

?S: This variable holds the options that may be necessary for nm

?S: to work on a shared library but that can not be used on an

?S: archive library. Currently, this is only used by Linux, where

?S: nm --dynamic is \*required\* to get symbols from an ELF library which

?S: has been stripped, but nm --dynamic is \*fatal\* on an archive library.

?S: Maybe Linux should just always set usenm=false.

?S:.

: see if nm is to be used to determine whether a symbol is defined or not

?X: If there is enough inquiries, it might be worth to wait for the nm

?X: extraction. Otherwise, the C compilations might be a better deal.

?X:

```

?X: Don't bother if we're using GNU libc -- skimo
case "$usenm" in
")
dflt="
case "$d_gnulibc" in
"$define")
echo " "
echo "$nm probably won't work on the GNU C Library." >&4
dflt=n
;;
esac
case "$dflt" in
")
if $test "$osname" = aix -a ! -f /lib/syscalls.exp; then
echo " "
echo "Whoops! This is an AIX system without /lib/syscalls.exp!" >&4
echo "'nm' won't be sufficient on this system." >&4
dflt=n
fi
;;
esac
case "$dflt" in
")
if ./gnu; then
echo " "
echo "Hmm... A GNU system without a GNU C Library? Weird..." >&4
dflt=n
else
dflt=`$grep 'inlibc|csym' $src/Configure | wc -l 2>/dev/null`
if $test $dflt -gt 20; then
dflt=y
else
dflt=n
fi
fi
;;
esac
*)
case "$usenm" in
true|$define) dflt=y;;
*) dflt=n;;
esac
;;
esac
$cat <<EOM

```

I can use \$nm to extract the symbols from your C libraries. This

is a time consuming task which may generate huge output on the disk (up to 3 megabytes) but that should make the symbols extraction faster. The alternative is to skip the 'nm' extraction part and to compile a small test program instead to determine whether each symbol is present. If you have a fast C compiler and/or if your 'nm' output cannot be parsed, this may be the best solution.

EOM

```
rp='Shall I use nm to extract C symbols from the libraries?'
. ./myread
case "$ans" in
[Nn]*) usenm=false;;
*) usenm=true;;
esac
```

?X: Name extraction is to be run if 'nm' usage is wanted and if no -r flag  
?X: was provided to configure (in which case we simply re-use the previous  
?X: values).

```
runnm=$usenm
case "$reusel" in
true) runnm=false;;
esac
```

: nm options which may be necessary

```
case "$nm_opt" in
") if $test -f /mach_boot; then
  nm_opt=" # Mach
elif $test -d /usr/ccs/lib; then
  nm_opt='-p' # Solaris (and SunOS?)
elif $test -f /dgux; then
  nm_opt='-p' # DG-UX
elif $test -f /lib64/rld; then
  nm_opt='-p' # 64-bit Irix
else
  nm_opt="
fi;;
esac
```

?X: nm options which may be necessary for shared libraries but illegal  
?X: for archive libraries. Thank you, Linux.

```
case "$nm_so_opt" in
") case "$osname" in
*linux*)
  if $nm --help | $grep 'dynamic' > /dev/null 2>&1; then
    nm_so_opt='--dynamic'
  fi
;;
esac
```

```
;;  
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/usernm.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: archlib.U,v \$

?RCS: Revision 3.0.1.5 1997/02/28 15:23:38 ram

?RCS: patch61: skip existence checks for archlib

?RCS:

?RCS: Revision 3.0.1.4 1995/09/25 09:15:18 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.3 1995/02/15 14:14:14 ram

?RCS: patch51: architecture name is now computed by a separate unit

?RCS:

?RCS: Revision 3.0.1.2 1995/01/30 14:32:22 ram

?RCS: patch49: archname is now systematically recomputed

?RCS: patch49: can now handle installation prefix changes (from WED)

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:02:36 ram

?RCS: patch36: created by ADO

?RCS:

?MAKE:d\_archlib archlib archlibexp installarchlib: archname afs spackage \  
cat Getfile Loc Oldconfig prefixexp privlib test Prefixit Prefixup

?MAKE: -pick add \$@ %<

?MAKE: -pick add \$@ %<

?Y:TOP

?S:d\_archlib:

?S: This variable conditionally defines ARCHLIB to hold the pathname

?S: of architecture-dependent library files for \$package. If

?S: \$archlib is the same as \$privlib, then this is set to undef.

?S:.

?S:archlib:

?S: This variable holds the name of the directory in which the user wants

?S: to put architecture-dependent public library files for \$package.  
 ?S: It is most often a local directory such as /usr/local/lib.  
 ?S: Programs using this variable must be prepared to deal  
 ?S: with filename expansion.  
 ?S:.  
 ?S:archlibexp:  
 ?S: This variable is the same as the archlib variable, but is  
 ?S: filename expanded at configuration time, for convenient use.  
 ?S:.  
 ?S:installarchlib:  
 ?S: This variable is really the same as archlibexp but may differ on  
 ?S: those systems using AFS. For extra portability, only this variable  
 ?S: should be used in makefiles.  
 ?S:.  
 ?C:ARCHLIB:  
 ?C: This variable, if defined, holds the name of the directory in  
 ?C: which the user wants to put architecture-dependent public  
 ?C: library files for \$package. It is most often a local directory  
 ?C: such as /usr/local/lib. Programs using this variable must be  
 ?C: prepared to deal with filename expansion. If ARCHLIB is the  
 ?C: same as PRIVLIB, it is not defined, since presumably the  
 ?C: program already searches PRIVLIB.  
 ?C:.  
 ?C:ARCHLIB\_EXP:  
 ?C: This symbol contains the ~name expanded version of ARCHLIB, to be used  
 ?C: in programs that are not prepared to deal with ~ expansion at run-time.  
 ?C:.  
 ?H:#\$d\_archlib ARCHLIB "\$sarchlib" /\*\*/  
 ?H:#\$d\_archlib ARCHLIB\_EXP "\$sarchlibexp" /\*\*/  
 ?H:.  
 : determine where public architecture dependent libraries go  
 set archlib archlib  
 eval \$prefixit  
 case "\$sarchlib" in  
 ")  
 case "\$sprivlib" in  
 ")  
 dflt=`./loc . ." \$prefixexp/lib /usr/local/lib /usr/lib /lib`  
 set dflt  
 eval \$prefixup  
 ;;  
 \*) dflt="\$sprivlib/\$sarchname";;  
 esac  
 ;;  
 \*) dflt="\$sarchlib";;  
 esac  
 cat <<EOM

\$package contains architecture-dependent library files. If you are sharing libraries in a heterogeneous environment, you might store these files in a separate location. Otherwise, you can just include them with the rest of the public library files.

EOM

fn=d+~

rp='Where do you want to put the public architecture-dependent libraries?'

./getfile

archlib="\$ans"

archlibexp="\$ansexp"

if \$afs; then

\$cat <<EOM

Since you are running AFS, I need to distinguish the directory in which private files reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

EOM

case "\$installarchlib" in

\*) dflt=`echo \$archlibexp | sed 's#^/afs/#/afs/#'`;;

\*) dflt="\$installarchlib";;

esac

fn=de~

rp='Where will architecture-dependent library files be installed?'

./getfile

installarchlib="\$ans"

else

installarchlib="\$sarchlibexp"

fi

if \$test X"\$sarchlib" = X"\$privlib"; then

d\_archlib="\$undef"

else

d\_archlib="\$define"

fi

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/archlib.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_truncate.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_truncate.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:48 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_truncate: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_truncate:  
?S: This variable conditionally defines HAS\_TRUNCATE if truncate() is  
?S: available to truncate files.  
?S:.  
?C:HAS\_TRUNCATE (TRUNCATE):  
?C: This symbol, if defined, indicates that the truncate routine is  
?C: available to truncate files.  
?C:.  
?H:#\$d\_truncate HAS\_TRUNCATE /\*\*/  
?H:.  
?LINT:set d\_truncate  
: see if truncate exists  
set truncate d\_truncate  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_truncate.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: usenm.U,v 3.0.1.1 1997/02/28 16:26:40 ram Exp \$  
?RCS:  
?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: usenm.U,v \$  
?RCS: Revision 3.0.1.1 1997/02/28 16:26:40 ram  
?RCS: patch61: don't use nm with the GNU C library  
?RCS: patch61: added support for Linux shared libs  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:57 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:



```

?MAKE:usenm runnm nm_opt nm_so_opt: cat test Myread Oldconfig myuname grep \
nm d_gnulibc osname egrep rsrc
?MAKE: -pick add $@ %<
?S:usenm:
?S: This variable contains 'true' or 'false' depending whether the
?S: nm extraction is wanted or not.
?S:.
?S:runnm:
?S: This variable contains 'true' or 'false' depending whether the
?S: nm extraction should be performed or not, according to the value
?S: of usenm and the flags on the Configure command line.
?S:.
?S:nm_opt:
?S: This variable holds the options that may be necessary for nm.
?S:.
?S:nm_so_opt:
?S: This variable holds the options that may be necessary for nm
?S: to work on a shared library but that can not be used on an
?S: archive library. Currently, this is only used by Linux, where
?S: nm --dynamic is *required* to get symbols from an ELF library which
?S: has been stripped, but nm --dynamic is *fatal* on an archive library.
?S: Maybe Linux should just always set usenm=false.
?S:.
: see if nm is to be used to determine whether a symbol is defined or not
?X: If there is enough inquiries, it might be worth to wait for the nm
?X: extraction. Otherwise, the C compilations might be a better deal.
?X:
?X: Don't bother if we're using GNU libc -- skimo
?LINT:extern PASE
case "$usenm" in
")
dflt="
case "$d_gnulibc" in
"$define")
echo " "
echo "nm probably won't work on the GNU C Library." >&4
dflt=n
;;
esac
case "$dflt" in
")
if $test "$osname" = aix -a "$PASE" != "Xdefine" -a ! -f /lib/syscalls.exp; then
echo " "
echo "Whoops! This is an AIX system without /lib/syscalls.exp!" >&4
echo "'nm' won't be sufficient on this system." >&4
dflt=n
fi
;;

```

```

esac
case "$dflt" in
") dflt=`$egrep 'inlibc|csym' $rsrc/Configure | wc -l 2>/dev/null`
if $test $dflt -gt 20; then
  dflt=y
else
  dflt=n
fi
;;
esac
;;
*)
case "$usenm" in
true|$define) dflt=y;;
*) dflt=n;;
esac
;;
esac
$cat <<EOM

```

I can use \$nm to extract the symbols from your C libraries. This is a time consuming task which may generate huge output on the disk (up to 3 megabytes) but that should make the symbols extraction faster. The alternative is to skip the 'nm' extraction part and to compile a small test program instead to determine whether each symbol is present. If you have a fast C compiler and/or if your 'nm' output cannot be parsed, this may be the best solution.

You probably shouldn't let me use 'nm' if you are using the GNU C Library.

```

EOM
rp="Shall I use $nm to extract C symbols from the libraries?"
./myread
case "$ans" in
[Nn]*) usenm=false;;
*) usenm=true;;
esac

```

?X: Name extraction is to be run if 'nm' usage is wanted and if no -r flag  
?X: was provided to configure (in which case we simply re-use the previous  
?X: values).

```

runnm=$usenm
case "$reuseval" in
true) runnm=false;;
esac

```

: nm options which may be necessary

```

case "$nm_opt" in

```

```

") if $test -f /mach_boot; then
  nm_opt="# Mach
elif $test -d /usr/ccs/lib; then
  nm_opt='-p' # Solaris (and SunOS?)
elif $test -f /dgux; then
  nm_opt='-p' # DG-UX
elif $test -f /lib64/rld; then
  nm_opt='-p' # 64-bit Irix
else
  nm_opt=""
fi;;
esac

```

: nm options which may be necessary for shared libraries but illegal  
: for archive libraries. Thank you, Linux.

```

case "$nm_so_opt" in
") case "$myuname" in
*linux*|gnu*)
  if $nm --help | $grep 'dynamic' > /dev/null 2>&1; then
    nm_so_opt='--dynamic'
  fi
  ;;
esac
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/usenm.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: lib.U,v 3.0.1.3 1995/09/25 09:16:47 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: lib.U,v $
?RCS: Revision 3.0.1.3 1995/09/25 09:16:47 ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.2 1995/01/30 14:38:08 ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:

```

```

?RCS: Revision 3.0.1.1 1994/08/29 16:27:40 ram
?RCS: patch32: now uses installation prefix to set the default
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:56 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?LINT: empty
?X:?MAKE:lib libexp: Getfile Loc Oldconfig Prefixit Prefixup prefixexp
?X:?MAKE: -pick add $@ %<
?X:?Y:TOP
?X:?S:lib:
?X:?S: This variable holds the name of the directory in which the user wants
?X:?S: to put public library files for the package in question. It is most
?X:?S: often a local directory such as /usr/local/lib. Programs using this
?X:?S: variable must be prepared to deal with filename expansion.
?X:?S:.
?X:?S:libexp:
?X:?S: This variable is the same as the lib variable, but is filename expanded
?X:?S: at configuration time, for convenient use in your makefiles.
?X:?S:.
?X:: determine where public libraries go
?X:set lib lib
?X:eval $prefixit
?X:case "$lib" in
?X:.)
?X: dflt=`./loc . ." $prefixexp/lib /usr/local/lib /usr/lib /lib`
?X: set dflt
?X: eval $prefixup
?X: ;;
?X:*) dflt="$lib";;
?X:esac
?X:echo " "
?X:fn=d~
?X:rp='Where do you want to put the public libraries?'
?X:. /getfile
?X:lib="$ans"
?X:libexp="$ansexp"

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/nullified/lib.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Config_sh.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,

```

```

?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Config_sh.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 14:57:53 ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.2 1995/01/11 14:53:31 ram
?RCS: patch45: moved path stripping from d_portable.U to end of Configure
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 15:50:37 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:48 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit ends up producing the config.sh script, which contains all the
?X: definitions figured out by Configure. The add.Config_sh command knows
?X: which variables need to be remembered. It also adds the EOT (ends the
?X: here document redirection with variable substitution).
?X:
?MAKE:Config_sh: cf_time cf_by test spitshell startsh myuname Myread \
End Obsol_sh Loc +d_portable package src cat
?MAKE: -pick add.Config_sh $@ %<
?MAKE: -pick add $@ ./Obsol_sh
?MAKE: -pick close.Config_sh $@ %<
?F:!config.over !config.arch
?T:file temp
?LINT:unclosed EOT
: back to where it started
if test -d ../UU; then
  cd ..
fi

: configuration may be unconditionally patched via a 'config.arch' file
if $test -f config.arch; then
  echo "I see a config.arch file, loading it." >&4
  . ./config.arch
fi

: configuration may be patched via a 'config.over' file
if $test -f config.over; then
  echo " "
  dflt=y
  rp='I see a config.over file. Do you wish to load it?'

```

```

. UU/myread
case "$ans" in
n*) echo "OK, I'll ignore it.";;
*) . ./config.over
echo "Configuration override changes have been loaded."
;;
esac
fi

@if d_portable
: in case they want portability, strip down executable paths
?X:
?X: Strip down paths in located executables. For each file, e.g. vi, there
?X: is a $vi variable whose value is for instance '/usr/bin/vi'. By resetting
?X: $vi to 'vi', we rely on the PATH variable to locate the executable...
?X:
case "$d_portable" in
"$define")
echo " "
echo "Stripping down executable paths..." >&4
?X:
?X: Previously, we used to do eval $file="\$file" but in order
?X: to handle things like sh Configure -Dmake=gmake, we can't do
?X: that. What we *really* want is to strip away the absolute path
?X: and rely on the end user's $PATH to correctly find the executable.
?X: This method assumes there is a "basename" command available. If
?X: not, replace it with the following expr-based command:
?X: expr $temp : '.*^(.*)' \| $temp
?X: Since this preserves the actual command name, we can now drop the
?X: OS/2 specific code.
?X: --Andy Dougherty August 1999
?X:
?X: On OS/2, a special $ar command not even named 'ar' is required,
?X: so we don't strip that name.
?X: Also, on DOS-ish systems, there might not be a ln command, but we
?X: might have ln='cp'.
?X: However, we can't set d_portable=undef on such systems since
?X: Unix-ish tools don't have standard locations there. Thus we
?X: MUST rely on the user's $PATH.
?X: --Andy Dougherty 4/1998
?X:
for file in $loclist $trylist; do
eval temp=\$file
eval $file=`basename $temp`
done
;;
esac

```

```

@end
: create config.sh file
echo " "
echo "Creating config.sh...">&4
$spitshell <<EOT >config.sh
$startsh
#
# This file was produced by running the Configure script. It holds all the
# definitions figured out by Configure. Should you modify one of these values,
# do not forget to propagate your changes by running "Configure -der". You may
# instead choose to run each of the .SH files by yourself, or "Configure -S".
#

# Package name      : $package
# Source directory  : $src
# Configuration time: $cf_time
# Configured by     : $cf_by
# Target system     : $myuname

```

```

EOT
?X: Command line options are saved by the Options.U unit in the
?X: temporary file UU/cmdline.opt
: Add in command line options if available
$test -f UU/cmdline.opt && $cat UU/cmdline.opt >> config.sh

```

```

$spitshell <<EOT >>config.sh

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Config_sh.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_copysignl: Inlibc
?MAKE: -pick add $@ %<
?S:d_copysignl:
?S: This variable conditionally defines the HAS_COPYSIGNL symbol, which
?S: indicates to the C program that the copysignl() routine is available.
?S: If aintl is also present we can emulate modfl.
?S:.
?C:HAS_COPYSIGNL:
?C: This symbol, if defined, indicates that the copysignl routine is

```

?C: available. If aintl is also present we can emulate modfl.

?C:.

?H:#\$d\_copysignl HAS\_COPYSIGNL /\*\*/

?H:.

?LINT:set d\_copysignl

: see if copysignl exists

set copysignl d\_copysignl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_copysignl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_netdb.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_netdb: Inhdr

?MAKE:-pick add \$@ %<

?S:i\_netdb:

?S: This variable conditionally defines the I\_NETDB symbol, and indicates

?S: whether a C program should include <netdb.h>.

?S:.

?C:I\_NETDB:

?C: This symbol, if defined, indicates that <netdb.h> exists and

?C: should be included.

?C:.

?H:#\$i\_netdb I\_NETDB /\*\*/

?H:.

?LINT:set i\_netdb

: see if this is a netdb.h system

set netdb.h i\_netdb

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i\_netdb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Oldsym.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,



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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Oldsym.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:06:58 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:13 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit follows the creation of the config.sh file. It adds some

?X: special symbols: defines from patchlevel.h file if any and PERL\_CONFIG\_SH,

?X: which is set to true. Then, we try to keep all the new symbols that

?X: may come from a hint file or a previous config.sh file.

?X:

?MAKE:Oldsym: Config\_sh cat test hint src sed sort uniq perl\_patchlevel

?MAKE: -pick add \$@ %<

?T:PERL\_CONFIG\_SH PERL\_PATCHLEVEL sym tmp

?F:!UU

: add special variables

\$test -f \$src/patchlevel.h && \

awk '/^#define[ ]+PERL\_/ {printf "%s=%s\n",\$2,\$3}' \$src/patchlevel.h >>config.sh

echo "PERL\_PATCHLEVEL='\$perl\_patchlevel'" >>config.sh

echo "PERL\_CONFIG\_SH=true" >>config.sh

: propagate old symbols

if \$test -f UU/config.sh; then

?X: Make sure each symbol is unique in oldconfig.sh

<UU/config.sh \$sort | \$uniq >UU/oldconfig.sh

?X:

?X: All the symbols that appear twice come only from config.sh (hence the

?X: two config.sh in the command line). These symbols will be removed by

?X: the uniq -u command. The oldsyms file thus contains all the symbols

?X: that did not appear in the produced config.sh (Larry Wall).

?X:

?X: Do not touch the -u flag of uniq. This means you too, Jarkko.

?X:

\$sed -n 's/^\([a-zA-Z\_0-9]\*\)=.\*/\1/p' \

config.sh config.sh UU/oldconfig.sh \

\$sort | \$uniq -u >UU/oldsyms

set X ` \$cat UU/oldsyms`

shift

case \$# in

0) ;;

\*)

```

$cat <<EOM
Hmm...You had some extra variables I don't know about...I'll try to keep 'em...
EOM
echo ": Variables propagated from previous config.sh file." >>config.sh
for sym in ` $cat UU/oldsyms`; do
echo " Propagating $hint variable ""$"$sym..."
eval 'tmp=""$"$sym}'""
echo "$tmp" | \
sed -e "s/^\\""/g" -e "s/^\$sym=/'" -e "s/$/'" >>config.sh
done
;;
esac
fi

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Oldsym.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_mkdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_mkdir.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:37 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_mkdir: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkdir:
?S: This variable conditionally defines the HAS_MKDIR symbol, which
?S: indicates to the C program that the mkdir() routine is available
?S: to create directories..
?S:.
?C:HAS_MKDIR (MKDIR):
?C: This symbol, if defined, indicates that the mkdir routine is available
?C: to create directories. Otherwise you should fork off a new process to
?C: exec /bin/mkdir.
?C:.
?H:#$d_mkdir HAS_MKDIR /**/
?H:.
?LINT:set d_mkdir

```

```
: see if mkdir exists
set mkdir d_mkdir
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mkdir.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: socksizetype.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:socksizetype: \
```

```
Protochk Oldconfig Myread cat d_socket d_socklen_t sizetype \
usesocks i_socks i_systypes extern_C
```

```
?MAKE: -pick add $@ %<
```

```
?S:socksizetype:
```

```
?S: This variable holds the type used for the size argument
```

```
?S: for various socket calls like accept. Usual values include
```

```
?S: socklen_t, size_t, and int.
```

```
?S:.
```

```
?C:Sock_size_t:
```

```
?C: This symbol holds the type used for the size argument of
```

```
?C: various socket calls (just the base type, not the pointer-to).
```

```
?C:.
```

```
?H:#define Sock_size_t $socksizetype /**/
```

```
?H:.
```

```
?T:xxx yyy try
```

```
@if Sock_size_t
```

```
: check for type of the size argument to socket calls
```

```
case "$d_socket" in
```

```
"$define")
```

```
$cat <<EOM
```

Checking to see what type is the last argument of accept().

```
EOM
```

```
yyy="
```

```
case "$d_socklen_t" in
```

```
"$define") yyy="$yyy socklen_t"
```

```
esac
```

```
yyy="$yyy $sizetype int long unsigned"
```

```
for xxx in $yyy; do
```

```
case "$socksizetype" in
```

```
") try="$extern_C int accept(int, struct sockaddr *, $xxx *);"
```

```

case "$susesocks" in
"$define")
if ./protochk "$try" $i_systypes sys/types.h $d_socket sys/socket.h literal '#define INCLUDE_PROTOTYPES'
$i_socks socks.h.; then
echo "Your system accepts '$xxx *' for the last argument of accept()."
socksizetype="$xxx"
fi
;;
*) if ./protochk "$try" $i_systypes sys/types.h $d_socket sys/socket.h; then
echo "Your system accepts '$xxx *' for the last argument of accept()."
socksizetype="$xxx"
fi
;;
esac
;;
esac
done
: In case none of those worked, prompt the user.
case "$socksizetype" in
") rp='What is the type for socket address structure sizes?'
dflt='int'
./myread
socksizetype=$ans
;;
esac
;;
*) : no sockets, so pick relatively harmless default
socksizetype='int'
;;
esac
@end

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/socksizetype.U
```

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: charorder.U,v \$

```

?RCS: Revision 3.0.1.1 1994/10/29 16:07:08 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:33 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:chorder_int chorder_short chorder_long: Myread cat +cc +ccflags rm
?MAKE: -pick add $@ %<
?S:chorder_short (d_cos d_bos):
?S: Holds the value describing the byte ordering of characters in a short.
?S: On a Big-Endian machine, that would be "c0c1".
?S:.
?S:chorder_int (charoder):
?S: Holds the value describing the byte ordering of characters in an int.
?S: For instance, on a Big-Endian machine, this would be: "c0c1c2c3".
?S:.
?S:chorder_long (d_col d_bol):
?S: Holds the value describing the byte ordering of characters in a long.
?S: On a 64 bits Big-Endian machine, that would yield: "c0c1c2c3c4c5c6c7".
?S:.
?C:CHAR_ORDER_SHORT:
?C: Holds the byte ordering of characters in a short. It's a string
?C: value like "c0c1" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_INT:
?C: Holds the byte ordering of characters in an int. It's a string
?C: value like "c0c1c2c3" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_LONG:
?C: Holds the byte ordering of characters in a long. It's a string
?C: value like "c0c1c2c3c4c5c6c7" on a 64 bits Big-Endian machine.
?C:.
?H:#define CHAR_ORDER_SHORT "$chorder_short" /* byte order in a short */
?H:#define CHAR_ORDER_INT "$chorder_int" /* byte order in an int */
?H:#define CHAR_ORDER_LONG "$chorder_long" /* byte order in a long */
?H:.
?F:!byteorder
: check for character ordering
echo " "
echo "Checking out byte order..." >&4
$cat >byteorder.c <<'EOCP'
#include <stdio.h>

main(argc, argv)
int argc;
char *argv[]; {
int i;
int max;

```

```

union {
    short u_s;
    int u_i;
    long u_l;
    char u_c[sizeof(long)];
} u;
switch (argv[1][0]) {
case 'l':
    u.u_l = 0L;
    /* HMS: ASSERT: sizeof(long) < 10. */
    for(i = 0; i < sizeof(long); ++i) {
        u.u_l *= 0x100L;
        u.u_l += (0xc0 + i);
    }
    max = sizeof(long);
    break;
case 's':
    u.u_s = 0;
    /* HMS: ASSERT: sizeof(short) < 10. */
    for(i = 0; i < sizeof(short); ++i) {
        u.u_s *= 0x100L;
        u.u_s += (0xc0 + i);
    }
    max = sizeof(short);
    break;
case 'i':
    u.u_i = 0;
    /* RAM: ASSERT: sizeof(int) < 10. */
    for(i = 0; i < sizeof(int); ++i) {
        u.u_l *= 0x100L;
        u.u_l += (0xc0 + i);
    }
    max = sizeof(int);
    break;
default:
    max = 0;
    break;
}
for(i = 0; i < max; i++) {
    printf("%x", u.u_c[i] & 0x00FF);
}
printf("\n");
exit(0);
}
EOCP
if $cc $ccflags -o byteorder byteorder.c >/dev/null 2>&1 ; then
: null statement
@if chorder_short

```

```

    chorder_short=`./byteorder s`
@end
@if chorder_int
    chorder_int=`./byteorder i`
@end
@if chorder_long
    chorder_long=`./byteorder l`
@end
else
$cat <<EOM
(I can't seem to get my test program to work. Guessing 32 bits big-endian.)
EOM
    chorder_short="c0c1"
    chorder_int="c0c1c2c3"
    chorder_long="c0c1c2c3"
fi
@if chorder_short
dflt=$chorder_short
rp='What is the order of characters in a short?'
./myread
chorder_short="$ans"
@end
@if chorder_int
dflt=$chorder_int
rp='What is the order of characters in an int?'
./myread
chorder_int="$ans"
@end
@if chorder_long
dflt=$chorder_long
rp='What is the order of characters in a long?'
./myread
chorder_long="$ans"
@end
$rm -f byteorder* core

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/charorder.U
```

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?RCS:

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: scriptdir.U,v \$  
?RCS: Revision 3.0.1.3 1995/09/25 09:17:15 ram  
?RCS: patch59: unit is now forced to the top of Configure, if possible  
?RCS:  
?RCS: Revision 3.0.1.2 1995/01/30 14:46:13 ram  
?RCS: patch49: can now handle installation prefix changes (from WED)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/08/29 16:32:04 ram  
?RCS: patch32: now uses installation prefix  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:45 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:scriptdir scriptdirexp installscript: afs cat test Getfile Loc \  
Oldconfig +bin Prefixit prefixexp Prefixup  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:scriptdir:  
?S: This variable holds the name of the directory in which the user wants  
?S: to put publicly scripts for the package in question. It is either  
?S: the same directory as for binaries, or a special one that can be  
?S: mounted across different architectures, like /usr/share. Programs  
?S: must be prepared to deal with ~name expansion.  
?S:.  
?S:scriptdirexp:  
?S: This variable is the same as scriptdir, but is filename expanded  
?S: at configuration time, for programs not wanting to bother with it.  
?S:.  
?S:installscript:  
?S: This variable is usually the same as scriptdirexp, unless you are on  
?S: a system running AFS, in which case they may differ slightly. You  
?S: should always use this variable within your makefiles for portability.  
?S:.  
?C:SCRIPTDIR:  
?C: This symbol holds the name of the directory in which the user wants  
?C: to put publicly executable scripts for the package in question. It  
?C: is often a directory that is mounted across diverse architectures.  
?C: Programs must be prepared to deal with ~name expansion.  
?C:.  
?C:SCRIPTDIR\_EXP:  
?C: This is the same as SCRIPTDIR, but is filename expanded at  
?C: configuration time, for use in programs not prepared to do  
?C: ~name substitutions at run-time.  
?C:.  
?H:#define SCRIPTDIR "\$scriptdir" /\*\*/



```
?H:#define SCRIPTDIR_EXP "$scriptdirexp" /**/
?H.:
: determine where public executable scripts go
set scriptdir scriptdir
eval $prefixit
case "$scriptdir" in
")
dflt="$bin"
: guess some guesses
$test -d /usr/share/scripts && dflt=/usr/share/scripts
$test -d /usr/share/bin && dflt=/usr/share/bin
$test -d /usr/local/script && dflt=/usr/local/script
$test -d $prefixexp/script && dflt=$prefixexp/script
set dflt
eval $prefixup
;;
*) dflt="$scriptdir"
;;
esac
$cat <<EOM
```

Some installations have a separate directory just for executable scripts so that they can mount it across multiple architectures but keep the scripts in one spot. You might, for example, have a subdirectory of /usr/share for this. Or you might just lump your scripts in with all your other executables.

```
EOM
fn=d~
rp='Where do you keep publicly executable scripts?'
./getfile
if $test "X$sansexp" != "X$scriptdirexp"; then
installscript="
fi
scriptdir="$sans"
scriptdirexp="$sansexp"
if $afs; then
$cat <<EOM
```

Since you are running AFS, I need to distinguish the directory in which scripts reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```
EOM
case "$installscript" in
") dflt=`echo $scriptdirexp | sed 's#^/afs/#/afs/.#` ;;
*) dflt="$installscript";;
esac
fn=de~
```

```
rp='Where will public scripts be installed?'
./getfile
installscript="$sans"
else
installscript="$scriptdirexp"
fi
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/scriptdir.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_wait3.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_wait3.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:01 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_wait3: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_wait3:
```

```
?S: This variable conditionally defines the HAS_WAIT3 symbol, which
```

```
?S: indicates to the C program that the wait3() subroutine exists.
```

```
?S:.
```

```
?C:HAS_WAIT3:
```

```
?C: This symbol, if defined, indicates that the wait3() subroutine
```

```
?C: exists.
```

```
?C:.
```

```
?H:#$d_wait3 HAS_WAIT3 /**/
```

```
?H:.
```

```
?LINT:set d_wait3
```

```
: see if 'wait3()' exists
```

```
set wait3 d_wait3
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wait3.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_csh.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:32:18 ram

?RCS: patch61: added full\_csh to preserve the full path even when portable

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:53 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_csh full\_csh: csh Setvar

?MAKE: -pick add \$@ %<

?S:d\_csh:

?S: This variable conditionally defines the CSH symbol, which  
?S: indicates to the C program that the C-shell exists.

?S:.

?S:full\_csh:

?S: This variable contains the full pathname to 'csh', whether or  
?S: not the user has specified 'portability'. This is only used  
?S: in the compiled C program, and we assume that all systems which  
?S: can share this executable will have the same full pathname to  
?S: 'csh.'

?S:.

?C:HAS\_CSH:

?C: This symbol, if defined, indicates that the C-shell exists.

?C:.

?C:CSH:

?C: This symbol, if defined, contains the full pathname of csh.

?C:.

?X: Previously, I just did \$d\_csh CSH "\$full\_csh", but that caused  
?X: problems on VMS where the config.sh extraction program changes  
?X: \$undef to a real cpp undef, and they then had #undef CSH ""  
?X: which the compiler didn't like. It's easy to work around this,  
?X: so I did. --AD 3/1998.

?X: And we don't want to define CSH if !HAS\_CSH, but we don't want  
?X: those lines in config.h if they don't need CSH, so protect with ?CSH  
?X: and not ?%<. --RAM, 15/02/2004

?H:??<:#\$d\_csh HAS\_CSH /\*\*/  
?H:?CSH:#ifdef HAS\_CSH  
?H:?CSH:#define CSH "\$full\_csh" /\*\*/  
?H:?CSH:#endif

```

?H:
?LINT:set d_csh
: get csh whereabouts
case "$csh" in
'csh') val="$undef" ;;
*) val="$define" ;;
esac
set d_csh
eval $setvar
: Respect a hint or command line value for full_csh.
case "$full_csh" in
") full_csh=$csh ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_csh.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: cc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cc.U,v $
?RCS: Revision 3.0.1.4 1995/05/12 12:06:47 ram
?RCS: patch54: may now abort Configure when cc does not work
?RCS:
?RCS: Revision 3.0.1.3 1995/01/11 15:20:11 ram
?RCS: patch45: changed gcc checking message to a more explicit one (WED)
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:04:29 ram
?RCS: patch36: detect gcc even when not called as 'gcc' (ADO)
?RCS: patch36: simplified gcc version checking (ADO)
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:26:06 ram
?RCS: patch23: added support for gcc version (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:30 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:cc: Myread Oldconfig Checkcc test

```

```
?MAKE: -pick add $@ %<
?S:cc:
?S: This variable holds the name of a command to execute a C compiler which
?S: can resolve multiple global references that happen to have the same
?S: name. Usual values are 'cc' and 'gcc'.
?S: Ferrent ANSI compilers may be called 'c89'. AIX has xlc.
?S:.
?F:!cc.cbu
?D:cc='cc'
: Determine the C compiler to be used
echo " "
case "$cc" in
") dflt=cc;;
*) dflt="$cc";;
esac
rp="Use which C compiler?"
./myread
cc="$ans"
```

```
: See whether they have no cc but they do have gcc
./trygcc
?X: Look for a hint-file generated 'call-back-unit'. Now that the
?X: user has specified the compiler, we may need to set or change some
?X: other defaults.
if $test -f cc.cbu; then
./cc.cbu
fi
./checkcc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_readdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_readdir.U,v $
?RCS: Revision 3.0.1.1 1994/05/06 14:46:37 ram
?RCS: patch23: added support for seekdir, telldir and rewinddir (ADO)
?RCS:
```

?RCS: Revision 3.0 1993/08/18 12:06:52 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X: Force checking for <dirent.h> inclusion  
?X:INC: i\_dirent  
?MAKE:d\_readdir d\_seekdir d\_telldir d\_rewinddir: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_readdir:  
?S: This variable conditionally defines HAS\_READDIR if readdir() is  
?S: available to read directory entries.  
?S:.  
?C:HAS\_READDIR (READDIR):  
?C: This symbol, if defined, indicates that the readdir routine is  
?C: available to read directory entries. You may have to include  
?C: <dirent.h>. See I\_DIRENT.  
?C:.  
?H:#\$d\_readdir HAS\_READDIR /\*\*/  
?H:.  
?S:d\_seekdir:  
?S: This variable conditionally defines HAS\_SEEKDIR if seekdir() is  
?S: available.  
?S:.  
?C:HAS\_SEEKDIR:  
?C: This symbol, if defined, indicates that the seekdir routine is  
?C: available. You may have to include <dirent.h>. See I\_DIRENT.  
?C:.  
?H:#\$d\_seekdir HAS\_SEEKDIR /\*\*/  
?H:.  
?S:d\_telldir:  
?S: This variable conditionally defines HAS\_TELLDIR if telldir() is  
?S: available.  
?S:.  
?C:HAS\_TELLDIR:  
?C: This symbol, if defined, indicates that the telldir routine is  
?C: available. You may have to include <dirent.h>. See I\_DIRENT.  
?C:.  
?H:#\$d\_telldir HAS\_TELLDIR /\*\*/  
?H:.  
?S:d\_rewinddir:  
?S: This variable conditionally defines HAS\_REWINDDIR if rewinddir() is  
?S: available.  
?S:.  
?C:HAS\_REWINDDIR:  
?C: This symbol, if defined, indicates that the rewinddir routine is  
?C: available. You may have to include <dirent.h>. See I\_DIRENT.  
?C:.  
?H:#\$d\_rewinddir HAS\_REWINDDIR /\*\*/  
?H:.

```
?LINT:set d_readdir d_seekdir d_telldir d_rewinddir
: see if readdir and friends exist
set readdir d_readdir
eval $inlibc
@if d_seekdir || HAS_SEEKDIR
set seekdir d_seekdir
eval $inlibc
@end
@if d_telldir || HAS_TELLDIR
set telldir d_telldir
eval $inlibc
@end
@if d_rewinddir || HAS_REWINDDIR
set rewinddir d_rewinddir
eval $inlibc
@end
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_readdir.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: byteorder.U,v 3.0.1.2 1997/02/28 15:24:55 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: byteorder.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:24:55 ram
?RCS: patch61: no longer ask the user if the test runs ok
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:02:58 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:28 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:byteorder: cat Myread Oldconfig Loc Compile rm_try run \
multiarch uvtype uvsize i_stdlib
?MAKE: -pick add $@ %<
?S:byteorder:
?S: This variable holds the byte order in a UV. In the following,
?S: larger digits indicate more significance. The variable byteorder
```

?S: is either 4321 on a big-endian machine, or 1234 on a little-endian,

?S: or 87654321 on a Cray ... or 3412 with weird order !

?S:.

?C:BYTEORDER:

?C: This symbol holds the hexadecimal constant defined in byteorder,

?C: in a UV, i.e. 0x1234 or 0x4321 or 0x12345678, etc...

?C: If the compiler supports cross-compiling or multiple-architecture

?C: binaries, use compiler-defined macros to

?C: determine the byte order.

?C:.

```
?H:%<:#if defined(MULTIARCH)
```

```
?H:%<:# ifdef __LITTLE_ENDIAN__
```

```
?H:%<:# if LONGSIZE == 4
```

```
?H:%<:# define BYTEORDER 0x1234
```

```
?H:%<:# else
```

```
?H:%<:# if LONGSIZE == 8
```

```
?H:%<:# define BYTEORDER 0x12345678
```

```
?H:%<:# endif
```

```
?H:%<:# endif
```

```
?H:%<:# else
```

```
?H:%<:# ifdef __BIG_ENDIAN__
```

```
?H:%<:# if LONGSIZE == 4
```

```
?H:%<:# define BYTEORDER 0x4321
```

```
?H:%<:# else
```

```
?H:%<:# if LONGSIZE == 8
```

```
?H:%<:# define BYTEORDER 0x87654321
```

```
?H:%<:# endif
```

```
?H:%<:# endif
```

```
?H:%<:# endif
```

```
?H:%<:# endif
```

```
?H:%<:#else
```

```
?H:%<:#define BYTEORDER 0x$byteorder /* large digits for MSB */
```

```
?H:%<:#endif
```

?H:.

?T:xxx\_prompt

?F:!try

: check for ordering of bytes in a UV

echo " "

case "\$multiarch" in

\*\$define\*)

\$cat <<EOM

You seem to be doing a multiarchitecture build,

skipping the byteorder check.

EOM

byteorder='ffff'

::

\*)



```
case "$byteorder" in
")
```

```
$cat <<'EOM'
```

In the following, larger digits indicate more significance. A big-endian machine like a Pyramid or a Motorola 680?0 chip will come out to 4321. A little-endian machine like a Vax or an Intel 80?86 chip would be 1234. Other machines may have weird orders like 3412. A Cray will report 87654321, an Alpha will report 12345678. If the test program works the default is probably right.

I'm now running the test program...

```
EOM
```

```
$cat >try.c <<EOCP
```

```
#include <stdio.h>
```

```
#$i_stdlib I_STDLIB
```

```
#ifdef I_STDLIB
```

```
#include <stdlib.h>
```

```
#endif
```

```
#include <sys/types.h>
```

```
typedef $uvtype UV;
```

```
int main()
```

```
{
```

```
int i;
```

```
union {
```

```
UV l;
```

```
char c[$uvsize];
```

```
} u;
```

```
if ($uvsize > 4)
```

```
u.l = (((UV)0x08070605) << 32) | (UV)0x04030201;
```

```
else
```

```
u.l = (UV)0x04030201;
```

```
for (i = 0; i < $uvsize; i++)
```

```
printf("%c", u.c[i]+'0');
```

```
printf("\n");
```

```
exit(0);
```

```
}
```

```
EOCP
```

```
xxx_prompt=y
```

```
set try
```

```
if eval $compile && $run ./try > /dev/null; then
```

```
dflt=`$run ./try`
```

```
case "$dflt" in
```

```
[1-4][1-4][1-4][1-4]|12345678|87654321)
```

```
echo "(The test program ran ok.)"
```

```
echo "byteorder=$dflt"
```

```
xxx_prompt=n
```

```
::
```

```
???)?????) echo "(The test program ran ok.)" ;;
```

```

*) echo "(The test program didn't run right for some reason.)" ;;
esac
else
dflt='4321'
cat <<'EOM'

```

(I can't seem to compile the test program. Guessing big-endian...)

EOM

```

fi
case "$xxx_prompt" in
y)
rp="What is the order of bytes in $svtype?"
. ./myread
byteorder="$ans"
;;
*) byteorder=$dflt
;;
esac
;;
esac
$rm_try
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/byteorder.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_strerror\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_strerror\_r strerror\_r\_proto: Inlibc Protochk Hasproto i\_systypes \
usethreads extern\_C

?MAKE: -pick add \$@ %<

?S:d\_strerror\_r:

?S: This variable conditionally defines the HAS\_STRError\_R symbol,

?S: which indicates to the C program that the strerror\_r()

?S: routine is available.

?S:.

?S:strerror\_r\_proto:

?S: This variable encodes the prototype of strerror\_r.

?S: It is zero if d\_strerror\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_strerror\_r

?S: is defined.

?S:.

?C:HAS\_STRERROR\_R:

?C: This symbol, if defined, indicates that the strerror\_r routine

?C: is available to strerror re-entrantly.

?C:.

?C:STRERROR\_R\_PROTO:

?C: This symbol encodes the prototype of strerror\_r.

?C: It is zero if d\_strerror\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_strerror\_r

?C: is defined.

?C:.

?H:#\$d\_strerror\_r HAS\_STRERROR\_R /\*\*/

?H:#define STRERROR\_R\_PROTO \$strerror\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_strerror\_r\_proto

: see if strerror\_r exists

set strerror\_r d\_strerror\_r

eval \$inlibc

case "\$d\_strerror\_r" in

"\$define")

hdrs="\$i\_systypes sys/types.h define stdio.h define string.h"

case "\$d\_strerror\_r\_proto:\$usetthreads" in

":define") d\_strerror\_r\_proto=define

set d\_strerror\_r\_proto strerror\_r \$hdrs

eval \$hasproto ;;

\*) ;;

esac

case "\$d\_strerror\_r\_proto" in

define)

case "\$strerror\_r\_proto" in

"|0) try='int strerror\_r(int, char\*, size\_t);'

./protochk "\$extern\_C \$try" \$hdrs && strerror\_r\_proto=I\_IBW ;;

esac

case "\$strerror\_r\_proto" in

"|0) try='int strerror\_r(int, char\*, int);'

./protochk "\$extern\_C \$try" \$hdrs && strerror\_r\_proto=I\_IBI ;;

esac

case "\$strerror\_r\_proto" in

"|0) try='char\* strerror\_r(int, char\*, size\_t);'

./protochk "\$extern\_C \$try" \$hdrs && strerror\_r\_proto=B\_IBW ;;

esac

case "\$strerror\_r\_proto" in

"|0) d\_strerror\_r=undef

strerror\_r\_proto=0

echo "Disabling strerror\_r, cannot determine prototype." >&4 ;;

\* ) case "\$strerror\_r\_proto" in

REENTRANT\_PROTO\*) ;;

```

*) strerror_r_proto="REENTRANT_PROTO_${strerror_r_proto}";
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "strerror_r has no prototype, not using it." >&4 ;;
esac
d_strerror_r=undef
strerror_r_proto=0
;;
esac
;;
*) strerror_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_strerror_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getmnt: Inlibc

?MAKE:-pick add \$@ %<

?S:d\_getmnt:

?S: This variable conditionally defines the HAS\_GETMNT symbol, which

?S: indicates to the C program that the getmnt() routine is available

?S: to retrieve one or more mount info blocks by filename.

?S:.

?C:HAS\_GETMNT:

?C: This symbol, if defined, indicates that the getmnt routine is

?C: available to get filesystem mount info by filename.

?C:.

?H:#\$d\_getmnt HAS\_GETMNT /\*\*/

?H:.

?LINT:set d\_getmnt

: see if getmnt exists

set getmnt d\_getmnt

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getmnt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: nametype.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: nametype.U,v \$

?RCS: Revision 3.0.1.3 1994/10/29 16:26:09 ram

?RCS: patch36: call ./usg and ./bsd explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:36:48 ram

?RCS: patch32: fixed typo: /etc/password -> /etc/passwd (WED)

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 16:10:09 ram

?RCS: patch10: made questions more explicit for 'Configure -s' prompting (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:20 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:nametype d\_passnames d\_berknames d\_usgnames: Myread Guess Oldconfig cat

?MAKE: -pick add \$@ %<

?S:nametype:

?S: This variable indicates how full names are stored on this system.

?S: Values are bsd, usg, and other.

?S:.

?S:d\_passnames:

?S: This variable conditionally defines the PASSNAMES symbol,

?S: which indicates to the C program that full names are stored in

?S: the /etc/passwd file.

?S:.

?S:d\_berknames:

?S: This variable conditionally defines the PASSNAMES symbol,

?S: which indicates to the C program that full names are stored in

?S: the /etc/passwd file in Berkeley format.

?S:.

?S:d\_usgnames:

?S: This variable conditionally defines the PASSNAMES symbol,

?S: which indicates to the C program that full names are stored in

?S: the /etc/passwd file in USG format.

?S:.

?C:PASSNAMES:

?C: This symbol, if defined, indicates that full names are stored in

?C: the /etc/passwd file.

?C:.

?C:BERKNAMES:

?C: This symbol, if defined, indicates that full names are stored in

?C: the /etc/passwd file in Berkeley format (name first thing, everything

?C: up to first comma, with & replaced by capitalized login id, yuck).

?C:.

?C:USGNAMES:

?C: This symbol, if defined, indicates that full names are stored in

?C: the /etc/passwd file in USG format (everything after - and before ( is

?C: the name).

?C:.

?H:#\$d\_passnames PASSNAMES /\* (undef to take name from ~/.fullname) \*/

?H:#\$d\_berknames BERKNAMES /\* (that is, ":name,stuff:") \*/

?H:#\$d\_usgnames USGNAMES /\* (that is, ":stuff-name(stuff):") \*/

?H:.

: find out how to find out full name

case "\$d\_berknames" in

"\$define")

dflt=y;;

"\$undef")

dflt=n;;

\*)

if ./bsd; then

dflt=y

elif ./xenix; then

dflt=y

else

dflt=n

fi

::

esac

\$cat <<'EOM'

Does your /etc/passwd file keep full names in Berkeley/V7 format (name first thing after ':' in GCOS field)? In that case, a typical entry in the password file looks like this:

```
guest:**password**:10:100:Mister Guest User:/usr/users:/bin/sh
      ^^^^^^^^^^^^^^^^^^^^^^^
```

EOM

rp="Berkeley/V7 format for full name in /etc/passwd?"

./myread

case "\$ans" in

y\*) d\_passnames="\$define"

d\_berknames="\$define"

```

d_usgnames="$undef"
nametype=bsd
;;
*)
case "$d_usgnames" in
"$define") dflt=y;;
"$undef") dflt=n;;
*)
if ./usg; then
dflt=y
else
dflt=n
fi
;;
esac
$cat <<'EOM'

```

Does your passwd file keep full names in USG format (name sandwiched between a '-' and a '(')? In that case, a typical entry in the password file looks like this:

```

guest:**password**:10:100:000-Mister Guest User(000):/usr/users:/bin/sh
^^^^^^^^^^^^^^^^^^^^^^^^

```

EOM

```

rp="USG format for full name in /etc/passwd?"
./myread
case "$ans" in
n*) echo "Full name will be taken from ~/.fullname"
d_passnames="$undef"
d_berknames="$undef"
d_usgnames="$undef"
nametype=other
;;
*)
d_passnames="$define"
d_berknames="$undef"
d_usgnames="$define"
nametype=usg
;;
esac;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nametype.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_msync.U 1 2006-08-24 12:32:52Z rmanfredi $

```

?RCS:  
 ?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
 ?RCS:  
 ?RCS: You may redistribute only under the terms of the Artistic Licence,  
 ?RCS: as specified in the README file that comes with the distribution.  
 ?RCS: You may reuse parts of this distribution only within the terms of  
 ?RCS: that same Artistic Licence; a copy of which may be found at the root  
 ?RCS: of the source tree for dist 4.0.  
 ?RCS:  
 ?RCS: \$Log: d\_msync.U,v \$  
 ?RCS: Revision 3.0.1.1 1993/12/15 08:19:17 ram  
 ?RCS: patch15: created  
 ?RCS:  
 ?MAKE:d\_msync: Inlibc  
 ?MAKE: -pick add \$@ %<  
 ?S:d\_msync:  
 ?S: This variable conditionally defines HAS\_MSYNCR if msync() is  
 ?S: available to synchronize a mapped file.  
 ?S:.  
 ?C:HAS\_MSYNCR:  
 ?C: This symbol, if defined, indicates that the msync system call is  
 ?C: available to synchronize a mapped file.  
 ?C:.  
 ?H:#\$d\_msync HAS\_MSYNCR /\*\*/  
 ?H:.  
 ?LINT:set d\_msync  
 : see if msync exists  
 set msync d\_msync  
 eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_msync.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setlnbuf.U 1 2006-08-24 12:32:52Z rmanfredi \$  
 ?RCS:  
 ?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
 ?RCS:  
 ?RCS: You may redistribute only under the terms of the Artistic Licence,  
 ?RCS: as specified in the README file that comes with the distribution.  
 ?RCS: You may reuse parts of this distribution only within the terms of  
 ?RCS: that same Artistic Licence; a copy of which may be found at the root  
 ?RCS: of the source tree for dist 4.0.  
 ?RCS:  
 ?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
 ?RCS:  
 ?RCS: \$Log: d\_setlnbuf.U,v \$



```

?RCS: Revision 3.0.1.1 1994/08/29 16:11:57 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_setlinebuf: Inlibc
?MAKE: -pick add $@ %<
?S:d_setlinebuf:
?S: This variable conditionally defines the HAS_SETLINEBUF symbol, which
?S: indicates to the C program that the setlinebuf() routine is available
?S: to change stderr or stdout from block-buffered or unbuffered to a
?S: line-buffered mode.
?S:.
?C:HAS_SETLINEBUF :
?C: This symbol, if defined, indicates that the setlinebuf routine is
?C: available to change stderr or stdout from block-buffered or unbuffered
?C: to a line-buffered mode.
?C:.
?H:#$d_setlinebuf HAS_SETLINEBUF /**/
?H:.
?LINT:set d_setlinebuf
: see if setlinebuf exists
set setlinebuf d_setlinebuf
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setlnbuf.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: libyacc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libyacc.U,v $
?RCS: Revision 3.0.1.4 1997/02/28 16:09:19 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.3 1994/05/13 15:27:12 ram
?RCS: patch27: added yacc case (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1994/05/06 15:09:01 ram
?RCS: patch23: now uses full library path instead of -l notation
?RCS:

```

```

?RCS: Revision 3.0.1.1 1994/01/24 14:13:49 ram
?RCS: patch16: un-obsolete this unit for smooth yacc compilations
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:04 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libyacc: Loc yacc libpth _a
?MAKE: -pick add $@ %<
?S:libyacc:
?S: This variable contains the argument to pass to the loader in order
?S: to get the yacc library routines. If there is no yacc or yacc
?S: library, it is null.
?S:.
?T:xxx
: see if we should include -ly
echo " "
case "$yacc" in
*byacc*)
echo "You are using byacc, so I won't look for a yacc library." >&4
libyacc="
;;
*yacc)
xxx=`./loc liby$_a x $libpth`
case "$xxx" in
x)
echo "No yacc library found." >&4
libyacc="
;;
*)
echo "yacc library found in $xxx." >&4
libyacc="$xxx"
;;
esac
;;
*bison*)
echo "You are using bison, so I won't look for a yacc library." >&4
libyacc="
;;
*)
echo "You don't seem to have yacc, so I won't look for the yacc library." >&4
libyacc="
;;
esac

Found in path(s):
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/libyacc.U

```

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```
?RCS: $Id$
?RCS:
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_statfs_s: \
Hasstruct i_sysparam i_sysmount i_systypes \
i_sysvfs i_sysstatfs Setvar
?MAKE: -pick add $@ %<
?S:d_statfs_s:
?S: This variable conditionally defines the HAS_STRUCT_STATFS symbol,
?S: which indicates that the struct statfs is supported.
?S:.
?C:HAS_STRUCT_STATFS:
?C: This symbol, if defined, indicates that the struct statfs
?C: to do statfs() is supported.
?C:.
?H:#$d_statfs_s HAS_STRUCT_STATFS /**/
?H:.
?LINT:set d_statfs_s
: Check for statfs_s
echo " "
echo "Checking to see if your system supports struct statfs..." >&4
set d_statfs_s statfs $i_systypes sys/types.h $i_sysparam sys/param.h $i_sysmount sys/mount.h $i_sysvfs sys/vfs.h
$i_sysstatfs sys/statfs.h
eval $hasstruct
case "$d_statfs_s" in
"$define") echo "Yes, it does." ;;
*) echo "No, it doesn't." ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_statfs_s.U
```

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Perl5 Metaconfig Units

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All rights reserved.

These units are the ones I used to build Configure and config\_h.SH  
in the Perl5 distribution.

The Configure script and config\_h.SH file in the Perl distribution are generated by a program called metaconfig. To run metaconfig, you will need the full dist 3.0 distribution, maintained by Raphael Manfredi. As of this writing, the current version is dist3.0, patchlevel 70. Dist version dist-3.0@70.tar.gz is available on CPAN (the Comprehensive Perl Archive Network) as <http://www.perl.com/perl/CPAN/authors/id/RAM/dist-3.0@70.tar.gz>.

Instructions:

1. Unpack the full perl5 sources. Execute the following command

```
chmod +w Configure config_h.SH Porting/Glossary Porting/config*
```

2. Unpack the archive containing this file in the perl5 source directory. This will create a directory 'U' under the perl5 sources. That directory will contain the metaconfig units for perl5. This will also create two files in the perl5 source tree: MANIFEST.new and .package.
3. Apply any patches to perl in the perl\_patches/ directory. (This may well be empty.)
4. Obtain and install dist-3.0pl70.
4. Apply any patches to dist under the dist\_patches subdirectory.
5. From your main perl5 source directory, run packinit to regenerate the .package file. **IMPORTANT:** Change the name and address of the maintainer to your own name and address. I don't want bug reports intended for you coming to me.
6. From your main perl5 source directory, run  
  
metalint (or mlint)  
  
and repair every failure it reports.
7. From your main perl5 source directory, run  
  
metaconfig -m (or mconfig -m)
8. Edit U/mkglossary and/or U/mkgloss.pl to point to your dist-3.0pl70 location. (See comments at the top.)
9. Run the Porting/mksample script to update the contents of the Porting/ subdirectory, or run all parts by hand. (see README)

NB: this script used to be U/mksample replaced by Porting/mksample;  
see Porting/pumpkin.pod instead for current documentation on its  
use.

10. Let me know about any changes, corrections, or enhancements.

Things to watch out for:

1. The Configure in 5.005 is a hand-patched version of that supplied  
with perl5.004\_74 or so. Most of the patches had to do with  
supporting MPE/iX and EBCDIC systems. I have re-integrated most  
of the changes back into metaconfig, but I don't really understand  
why MPE/iX needed some of the patches, so I may have missed  
something important. I did try to flag questionable changes in  
the individual units.

The Configure as generated in the 5.9.x branch leading towards  
5.10, is also used exactly as is without changes in the 5.8.x  
and 5.6.x branches, so do not remove support for features that  
are available in those branches, but are removed from devel (e.g.  
perl5005threads).

2. Future support of better random number generators should probably  
start with the randfunc.U unit included here. It's currently  
broken, but well commented and probably a good place to start.

Descriptions:

The units and other related files have been broken up into the following  
directories:

acl/

This is an old patch to begin to detect and use ACL (access  
control list) file protection schemes.

compline/

These are similar to the standard units, but I have modified them  
to have a more uniform compile command line, usually using the new  
Compile.U unit. I have submitted these for inclusion into the  
regular dist distribution. (The cflags.U unit is actually  
perl-specific since it mentions -DDEBUGGING and -DPOSIX\_SOURCE,  
but that's the only place it is perl-specific.)

dist\_patches/

These are patches to dist that must be applied before it is built  
and installed. I have submitted these for inclusion in the  
regular dist distribution.

modified/

These are modified versions of the standard units. Also included in this directory are new units that are clearly derived from existing units. I have submitted these for inclusion in the regular dist distribution.

perl/

These are specific to perl. Some are heavily derived from original dist units, and are marked as such. Others are original.

perl\_patches/

These are patches to the perl source. This directory should ordinarily be empty, but there may have been drift between the standard version of perl and the one associated with these units.

protos/

These are units modified to use the new Hasproto.U or Protochk.U units to check for prototypes. I have submitted these for inclusion into the regular dist distribution.

target/

This is the very, very beginning of cross-compiler support. It doesn't work yet, and many standard units will need modification.

typedefs/

These are standard units modified to use the modified Typedef.U unit to check for typedefs. (The modified Typedef.U includes a function to avoid unnecessary prompts if the typedef being searched for exists.) I have submitted these for inclusion into the regular dist distribution.

threads/

These are specific to threading perl.

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Unless otherwise indicated, the files contained in this distribution are:

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The following licensing terms apply to all files contained in this distribution:

You may distribute the files contained in this distribution under the terms of either

- a) the "Artistic License" which comes with Perl, or
- b) the "Artistic License" which comes with dist, or
- c) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version (see the file "Copying" that comes with the Perl distribution).

Which one to use is your choice.

The units in the "modified" directory have been derived from units associated with the metaconfig program of Raphael Manfredi's "dist" distribution. These units list Raphael Manfredi as the Copyright holder. dist is distributed under a modified version of the Perl Artistic License. Clause 7 of this modified license as contained in dist-3.0-pl60 provides:

7. You may reuse parts of this Package in your own programs, provided that you explicitly state where you got them from, in the source code (and, left to your courtesy, in the documentation), duplicating all the associated copyright notices and disclaimers. Besides your changes, if any, must be clearly marked as such. Parts reused that way will no longer fall under this license if, and only if, the name of your program(s) have no immediate connection with the name of the Package itself or its associated programs. You may then apply whatever restrictions you wish on the reused parts or choose to place them in the Public Domain--this will apply only within the context of your package.

In accordance with this clause, the versions of these units contained here are made available under the same terms as the rest of the units.

If you have any questions about the use of these units or about the differences between these units and the standard versions, please feel free to ask.

Andy Dougherty [doughera@lafayette.edu](mailto:doughera@lafayette.edu)  
Dept. of Physics  
Lafayette College  
Easton, PA 18042-1782

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/README.dist

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```

?RCS: $Id: d_sigsetjmp.U,v 3.0.1.1 1997/02/28 15:44:33 ram Exp $
?RCS:
?RCS: Copyright (c) 1996,1998 Andy Dougherty
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_sigsetjmp.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:44:33 ram
?RCS: patch61: created
?RCS:
?MAKE:d_sigsetjmp: Compile Setvar cat rm_try run i_stdlib
?MAKE: -pick add $@ %<
?S:d_sigsetjmp:
?S: This variable conditionally defines the HAS_SIGSETJMP symbol,
?S: which indicates that the sigsetjmp() routine is available to
?S: call setjmp() and optionally save the process's signal mask.
?S:.
?C:HAS_SIGSETJMP:
?C: This variable indicates to the C program that the sigsetjmp()
?C: routine is available to save the calling process's registers
?C: and stack environment for later use by siglongjmp(), and
?C: to optionally save the process's signal mask. See
?C: Sigjmp_buf, Sigsetjmp, and Siglongjmp.
?C:.
?C:Sigjmp_buf:
?C: This is the buffer type to be used with Sigsetjmp and Siglongjmp.
?C:.
?C:Sigsetjmp:
?C: This macro is used in the same way as sigsetjmp(), but will invoke
?C: traditional setjmp() if sigsetjmp isn't available.
?C: See HAS_SIGSETJMP.
?C:.
?C:Siglongjmp:
?C: This macro is used in the same way as siglongjmp(), but will invoke
?C: traditional longjmp() if siglongjmp isn't available.
?C: See HAS_SIGSETJMP.
?C:.
?H:%<:#$d_sigsetjmp HAS_SIGSETJMP /**/
?H:%<:#ifdef HAS_SIGSETJMP
?H:%<:#define Sigjmp_buf sigjmp_buf

```



```

?H:%<:#define Sigsetjmp(buf,save_mask) sigsetjmp((buf),(save_mask))
?H:%<:#define Siglongjmp(buf,retval) siglongjmp((buf),(retval))
?H:%<:#else
?H:%<:#define Sigjmp_buf jmp_buf
?H:%<:#define Sigsetjmp(buf,save_mask) setjmp((buf))
?H:%<:#define Siglongjmp(buf,retval) longjmp((buf),(retval))
?H:%<:#endif
?H:.
?W:%<:Sigjmp_buf Sigsetjmp Siglongjmp
?F:!try
?LINT:set d_sigsetjmp
: see if sigsetjmp exists
?X: We can't check for these symbols with Inlibc because sigsetjmp
?X: is (sometimes? always?) a macro under GCC
echo " "
case "$d_sigsetjmp" in
")
$cat >try.c <<EOP
#include <setjmp.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
sigjmp_buf env;
int set = 1;
int main()
{
if (sigsetjmp(env,1))
exit(set);
set = 0;
siglongjmp(env, 1);
exit(1);
}
EOP
set try
if eval $compile; then
if $run ./try >/dev/null 2>&1; then
echo "POSIX sigsetjmp found." >&4
val="$define"
else
$cat >&4 <<EOM
Uh-Oh! You have POSIX sigsetjmp and siglongjmp, but they do not work properly!!
I'll ignore them.
EOM
val="$undef"
fi
else
echo "sigsetjmp not found." >&4

```

```

val="$undef"
fi
;;
*) val="$d_sigsetjmp"
case "$d_sigsetjmp" in
$define) echo "POSIX sigsetjmp found." >&4;;
$undef) echo "sigsetjmp not found." >&4;;
esac
;;
esac
set d_sigsetjmp
eval $setvar
$rm_try

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_sigsetjmp.U

```

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_lseekproto: Hasproto i\_systypes i\_unistd

?MAKE: -pick add \$@ %<

?S:d\_lseekproto:

?S: This variable conditionally defines the HAS\_LSEEK\_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the lseek() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS\_LSEEK\_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the lseek() function. Otherwise, it is up

?C: to the program to supply one. A good guess is

?C: extern off\_t lseek(int, off\_t, int);

?C:.

?H:#\$d\_lseekproto HAS\_LSEEK\_PROTO /\*\*/

?H:.

?LINT:set d\_lseekproto

: see if prototype for lseek is available

echo " "

```
set d_lseekproto lseek $i_systypes sys/types.h $i_unistd unistd.h
eval $hasproto
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_lseekproto.U
```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_dladdr.U,v \$

?RCS:

?MAKE:d\_dladdr: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_dladdr:

?S: This variable conditionally defines the HAS\_DLADDR symbol, which

?S: indicates to the C program that the dladdr() routine is available

?S: to get a stack trace.

?S:.

?C:HAS\_DLADDR:

?C: This symbol, if defined, indicates that the dladdr() routine is

?C: available to query dynamic linker information for an address.

?C: The <dlfcn.h> header must be included to use this routine.

?C:.

?H:#\$d\_dladdr HAS\_DLADDR /\*\*/

?H:.

?LINT:set d\_dladdr

: see if dladdr exists

set dladdr d\_dladdr

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dladdr.U
```

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: i\_dirent.U,v \$  
?RCS: Revision 3.0.1.4 1994/10/29 16:20:01 ram  
?RCS: patch36: failed scanning for 'd\_namlen' with missing <dirent.h> (ADO)  
?RCS:  
?RCS: Revision 3.0.1.3 1994/06/20 07:01:25 ram  
?RCS: patch30: added dirententrytype for hints, merely for NeXT (ADO)  
?RCS: patch30: now checks for both struct dirent and direct (ADO)  
?RCS:  
?RCS: Revision 3.0.1.2 1994/05/13 15:22:37 ram  
?RCS: patch27: new variable dirententrytype for proper type setting (ADO)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/01/24 14:11:15 ram  
?RCS: patch16: added new Direntry\_t pseudo-type for directory entries  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:08:17 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit looks whether there is a dirent system or not  
?X:  
?MAKE:i\_dirent d\_dirnamlen dirententrytype: test contains Setvar \  
Myread Findhdr cppstdin cppflags cppminus rm\_try  
?MAKE: -pick add \$@ %<  
?S:i\_dirent:  
?S: This variable conditionally defines I\_DIRENT, which indicates  
?S: to the C program that it should include <dirent.h>.  
?S:.  
?S:d\_dirnamlen:  
?S: This variable conditionally defines DIRNAMLEN, which indicates  
?S: to the C program that the length of directory entry names is  
?S: provided by a d\_namelen field.  
?S:.  
?S:dirententrytype:  
?S: This symbol is set to 'struct direct' or 'struct dirent' depending on  
?S: whether dirent is available or not. You should use this pseudo type to  
?S: portably declare your directory entries.  
?S:.  
?C:I\_DIRENT:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <dirent.h>. Using this symbol also triggers the definition  
?C: of the Direntry\_t define which ends up being 'struct dirent' or  
?C: 'struct direct' depending on the availability of <dirent.h>.

?C:.

?C:DIRNAMLEN:

?C: This symbol, if defined, indicates to the C program that the length

?C: of directory entry names is provided by a d\_namlen field. Otherwise

?C: you need to do strlen() on the d\_name field.

?C:.

?C:Dirent\_t:

?C: This symbol is set to 'struct direct' or 'struct dirent' depending on

?C: whether dirent is available or not. You should use this pseudo type to

?C: portably declare your directory entries.

?C:.

?H:#\$i\_dirent I\_DIRENT /\*\*/

?H:#\$d\_dirnamlen DIRNAMLEN /\*\*/

?H:%<:@if I\_DIRENT && Dirent\_t

?H:%<:#define Dirent\_t \$direnttype

?H:%<:@end

?H:.

?T:xinc guess1 guess2

?LINT:set i\_dirent d\_dirnamlen

: see if this is a dirent system

echo " "

if xinc=`./findhdr dirent.h`; \$test "\$xinc"; then

val="\$define"

echo "<dirent.h> found." >&4

else

val="\$undef"

if xinc=`./findhdr sys/dir.h`; \$test "\$xinc"; then

echo "<sys/dir.h> found." >&4

echo " "

else

xinc=`./findhdr sys/ndir.h`

fi

echo "<dirent.h> NOT found." >&4

fi

set i\_dirent

eval \$setvar

?X: Use struct dirent or struct direct? If we're using dirent.h,

?X: it's probably struct dirent, but apparently not always.

?X: Assume \$xinc still contains the name of the header file we're using.

@if direnttype || Dirent\_t

: Look for type of directory structure.

echo " "

\$cppstdin \$cppflags \$cppminus < "\$xinc" > try.c

case "\$direnttype" in

"|")

case "\$i\_dirent" in

```

$define) guess1='struct dirent' ;;
*) guess1='struct direct' ;;
esac
;;
*) guess1="$direntrytype"
;;
esac

case "$guess1" in
'struct dirent') guess2='struct direct' ;;
*) guess2='struct dirent' ;;
esac

if $contains "$guess1" try.c >/dev/null 2>&1; then
direntrytype="$guess1"
echo "Your directory entries are $direntrytype." >&4
elif $contains "$guess2" try.c >/dev/null 2>&1; then
direntrytype="$guess2"
echo "Your directory entries seem to be $direntrytype." >&4
else
echo "I don't recognize your system's directory entries." >&4
rp="What type is used for directory entries on this system?"
dflt="$guess1"
./myread
direntrytype="$ans"
fi
$rm_try

@end

@if d_dirnamlen || DIRNAMLEN
: see if the directory entry stores field length
echo " "
$cppstdin $cppflags $cppminus < "$xinc" > try.c
if $contains 'd_namlen' try.c >/dev/null 2>&1; then
echo "Good, your directory entry keeps length information in d_namlen." >&4
val="$define"
else
echo "Your directory entry does not know about the d_namlen field." >&4
val="$undef"
fi
set d_dirnamlen
eval $setvar
$rm_try

@end

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_dirent.U

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_memchr.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:32 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_memchr: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_memchr:

?S: This variable conditionally defines the HAS\_MEMCHR symbol, which

?S: indicates to the C program that the memchr() routine is available

?S: to scan a block of memory for a character.

?S:.

?C:HAS\_MEMCHR:

?C: This symbol, if defined, indicates that the memchr routine is available

?C: to scan a block of memory for a character. If undefined, roll your own.

?C:.

?H:#\$d\_memchr HAS\_MEMCHR /\*\*/

?H:.

?LINT:set d\_memchr

: see if memchr exists

set memchr d\_memchr

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_memchr.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getnetbyaddr\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

```

?RCS:
?MAKE:d_getnetbyaddr_r getnetbyaddr_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getnetbyaddr_r:
?S: This variable conditionally defines the HAS_GETNETBYADDR_R symbol,
?S: which indicates to the C program that the getnetbyaddr_r()
?S: routine is available.
?S:.
?S:getnetbyaddr_r_proto:
?S: This variable encodes the prototype of getnetbyaddr_r.
?S: It is zero if d_getnetbyaddr_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyaddr_r
?S: is defined.
?S:.
?C:HAS_GETNETBYADDR_R:
?C: This symbol, if defined, indicates that the getnetbyaddr_r routine
?C: is available to getnetbyaddr re-entrantly.
?C:.
?C:GETNETBYADDR_R_PROTO:
?C: This symbol encodes the prototype of getnetbyaddr_r.
?C: It is zero if d_getnetbyaddr_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyaddr_r
?C: is defined.
?C:.
?H:#$d_getnetbyaddr_r HAS_GETNETBYADDR_R /**/
?H:#define GETNETBYADDR_R_PROTO $getnetbyaddr_r_proto /**/
?H:.
?T:try hdrs d_getnetbyaddr_r_proto
: see if getnetbyaddr_r exists
set getnetbyaddr_r d_getnetbyaddr_r
eval $inlibc
case "$d_getnetbyaddr_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getnetbyaddr_r_proto:$usethreads" in
":define") d_getnetbyaddr_r_proto=define
set d_getnetbyaddr_r_proto getnetbyaddr_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getnetbyaddr_r_proto" in
define)
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(unsigned long, int, struct netent*, char*, size_t, struct netent**, int*);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_UISBWRE ;;
esac
case "$getnetbyaddr_r_proto" in

```



```

"|0) try='int getnetbyaddr_r(long, int, struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_LISBI ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='struct netent* getnetbyaddr_r(in_addr_t, int, struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=S_TISBI ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='struct netent* getnetbyaddr_r(long, int, struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=S_LISBI ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(in_addr_t, int, struct netent*, struct netent_data*);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_TISD ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(long, int, struct netent*, struct netent_data*);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_LISD ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(int, int, struct netent*, struct netent_data*);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_IISD ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(uint32_t, int, struct netent*, char*, size_t, struct netent**, int*);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_uISBWRE ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) d_getnetbyaddr_r=undef
getnetbyaddr_r_proto=0
echo "Disabling getnetbyaddr_r, cannot determine prototype." >&4 ;;
*) case "$getnetbyaddr_r_proto" in
REENTRANT_PROTO*) ;;
*) getnetbyaddr_r_proto="REENTRANT_PROTO_${getnetbyaddr_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "getnetbyaddr_r has no prototype, not using it." >&4 ;;
esac
d_getnetbyaddr_r=undef
getnetbyaddr_r_proto=0
;;
esac
;;
*) getnetbyaddr_r_proto=0
;;

```

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_getnetbyaddr\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysselect.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_sysselect.U,v \$

?RCS: Revision 3.0.1.1 1993/08/25 14:01:33 ram

?RCS: patch6: added default for i\_sysselect

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:35 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: Look wether <sys/select.h> exists

?X:

?MAKE:i\_sysselect: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_sysselect:

?S: This variable conditionally defines I\_SYS\_SELECT, which indicates

?S: to the C program that it should include <sys/select.h> in order to

?S: get the definition of struct timeval.

?S:.

?C:I\_SYS\_SELECT (I\_SYSSSELECT):

?C: This symbol, if defined, indicates to the C program that it should

?C: include <sys/select.h> in order to get definition of struct timeval.

?C:.

?H:#\$i\_sysselect I\_SYS\_SELECT /\*\*/

?H:.

?D:i\_sysselect="

?LINT:set i\_sysselect

: see if sys/select.h has to be included

set sys/select.h i\_sysselect

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/i\_syssselct.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_voidsig.U,v 3.0.1.3 1995/05/12 12:12:46 ram Exp \$  
?RCS:  
?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
?RCS:  
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?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: d\_voidsig.U,v \$  
?RCS: Revision 3.0.1.3 1995/05/12 12:12:46 ram  
?RCS: patch54: made cppflags dependency optional  
?RCS:  
?RCS: Revision 3.0.1.2 1994/08/29 16:20:35 ram  
?RCS: patch32: now sets signal\_t only once d\_voidsig is known (WED)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/06/20 06:59:54 ram  
?RCS: patch30: now properly sets signal\_t when re-using previous value  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:07:56 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_voidsig signal\_t: rm contains cppstdin cppminus +cppflags test Myread \  
Oldconfig Setvar Findhdr  
?MAKE: -pick add \$@ %<  
?S:d\_voidsig:  
?S: This variable conditionally defines VOIDSIG if this system  
?S: declares "void (\*signal(...))()" in signal.h. The old way was to  
?S: declare it as "int (\*signal(...))()".  
?S:.  
?S:signal\_t:  
?S: This variable holds the type of the signal handler (void or int).  
?S:.  
?C:VOIDSIG:  
?C: This symbol is defined if this system declares "void (\*signal(...))()" in  
?C: signal.h. The old way was to declare it as "int (\*signal(...))()". It  
?C: is up to the package author to declare things correctly based on the  
?C: symbol.  
?C:.  
?C:Signal\_t (SIGNAL\_T):  
?C: This symbol's value is either "void" or "int", corresponding to the  
?C: appropriate return type of a signal handler. Thus, you can declare  
?C: a signal handler using "Signal\_t (\*handler)()", and define the  
?C: handler using "Signal\_t handler(sig)".

```

?C:.
?H:#$d_voidsig VOIDSIG /**/
?H:#define Signal_t $signal_t /* Signal handler's return type */
?H:.
?T:xxx
?LINT:set d_voidsig
: see if signal is declared as pointer to function returning int or void
echo " "
xxx=`./findhdr signal.h`
$test "$xxx" && $cppstdin $cppminus $cppflags < $xxx >$$.tmp 2>/dev/null
if $contains 'int.*\*[ ]*signal' $$$.tmp >/dev/null 2>&1 ; then
  echo "You have int (*signal())() instead of void." >&4
  val="$undef"
elif $contains 'void.*\*[ ]*signal' $$$.tmp >/dev/null 2>&1 ; then
  echo "You have void (*signal())()." >&4
  val="$define"
elif $contains 'extern[ ]*[\(]*signal' $$$.tmp >/dev/null 2>&1 ; then
  echo "You have int (*signal())() instead of void." >&4
  val="$undef"
?X: This next test is kind of sloppy, but it catches Linux
?X: which has a
?X: typedef void (*__sighandler_t) (int) ;
?X: A better fix would be to compile a C program with the proper
?X: prototype, but since nearly everyone uses void, we'll just go with
?X: this.
elif $contains 'void.*\*.*sig' $$$.tmp >/dev/null 2>&1 ; then
  echo "You have void (*signal())()." >&4
  val="$define"
else
case "$d_voidsig" in
")
echo "I can't determine whether signal handler returns void or int..." >&4
dflt=void
rp="What type does your signal handler return?"
./myread
case "$ans" in
v*) val="$define";;
*) val="$undef";;
esac;;
"$define")
echo "As you already told me, signal handler returns void." >&4
val="$define"
;;
*) echo "As you already told me, signal handler returns int." >&4
val="$undef"
;;
esac
fi

```

```
set d_voidsig
eval $setvar
case "$d_voidsig" in
"$define") signal_t="void";;
*) signal_t="int";;
esac
$rm -f $$tmp
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_voidsig.U
```

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?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fpgetround: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fpgetround:

?S: This variable conditionally defines HAS\_FPGETROUND if fpgetround()

?S: is available to get the floating point rounding mode.

?S:.

?C:HAS\_FPGETROUND:

?C: This symbol, if defined, indicates that the fpgetround routine is

?C: available to get the floating point rounding mode.

?C:.

?H:#\$d\_fpgetround HAS\_FPGETROUND /\*\*/

?H:.

?LINT:set d\_fpgetround

: see if fpgetround exists

set fpgetround d\_fpgetround

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpgetround.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_values.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

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?RCS: of the source tree for dist 4.0.

?RCS:  
?RCS: \$Log: i\_values.U,v \$  
?RCS: Revision 3.0.1.1 1997/02/28 15:48:34 ram  
?RCS: patch61: created  
?RCS:  
?MAKE:i\_values: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_values:  
?S: This variable conditionally defines the I\_VALUES symbol, and indicates  
?S: whether a C program may include <values.h> to get symbols like MAXLONG  
?S: and friends.  
?S:.  
?C:I\_VALUES:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <values.h> to get definition of symbols like MINFLOAT or  
?C: MAXLONG, i.e. machine dependant limitations. Probably, you  
?C: should use <limits.h> instead, if it is available.  
?C:.  
?H:#\$i\_values I\_VALUES /\*\*/  
?H:.  
?LINT:set i\_values  
: see if this is a values.h system  
set values.h i\_values  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_values.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_shmat.U,v \$  
?RCS: Revision 3.0.1.3 1995/07/25 14:04:23 ram  
?RCS: patch56: use findhdr to find <sys/shm.h>, to get the right one (ADO)  
?RCS:  
?RCS: Revision 3.0.1.2 1994/05/13 15:18:56 ram  
?RCS: patch27: added new symbol HAS\_SHMAT\_PROTOTYPE (ADO)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/05/06 14:54:18 ram

```

?RCS: patch23: new Shmat_t symbol to declare return type of shmat()
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:18 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_shmat shmattype d_shmatprototype: Inlibc cat +cc +ccflags \
rm cppstdin cppflags cppminus Findhdr Setvar contains
?MAKE: -pick add $@ %<
?S:d_shmat:
?S: This variable conditionally defines the HAS_SHMAT symbol, which
?S: indicates to the C program that the shmat() routine is available.
?S:.
?S:shmattype:
?S: This symbol contains the type of pointer returned by shmat().
?S: It can be 'void *' or 'char *'.
?S:.
?S:d_shmatprototype:
?S: This variable conditionally defines the HAS_SHMAT_PROTOTYPE
?S: symbol, which indicates that sys/shm.h has a prototype for
?S: shmat.
?S:.
?C:HAS_SHMAT:
?C: This symbol, if defined, indicates that the shmat() routine is
?C: available to attach a shared memory segment to the process space.
?C:.
?C:Shmat_t:
?C: This symbol holds the return type of the shmat() system call.
?C: Usually set to 'void *' or 'char *'.
?C:.
?C:HAS_SHMAT_PROTOTYPE:
?C: This symbol, if defined, indicates that the sys/shm.h includes
?C: a prototype for shmat(). Otherwise, it is up to the program to
?C: guess one. Shmat_t shmat_((int, Shmat_t, int)) is a good guess,
?C: but not always right so it should be emitted by the program only
?C: when HAS_SHMAT_PROTOTYPE is not defined to avoid conflicting defs.
?C:.
?H:#$d_shmat HAS_SHMAT /**/
?H:#define Shmat_t $shmattype /**/
?H:#$d_shmatprototype HAS_SHMAT_PROTOTYPE /**/
?H:.
?LINT:set d_shmat d_shmatprototype
?T:xxx
: see if shmat exists
set shmat d_shmat
eval $inlibc
: see what shmat returns
case "$d_shmat" in
"$define")

```

```

$cat >shmat.c <<'END'
#include <sys/shm.h>
void *shmat();
END
if $cc $ccflags -c shmat.c >/dev/null 2>&1; then
  shmattype='void *'
else
  shmattype='char *'
fi
echo "and it returns ($shmattype)." >&4
: see if a prototype for shmat is available
xxx=`./findhdr sys/shm.h`
$cppstdin $cppflags $cppminus < $xxx > shmat.c 2>/dev/null
if $contains 'shmat.*(' shmat.c >/dev/null 2>&1; then
  val="$define"
else
  val="$undef"
fi
$rm -f shmat.[co]
;;
*)
val="$undef"
;;
esac
set d_shmatprototype
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shmat.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vaprotol.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>

?RCS:

?RCS: \$Log: vaprotol.U,v \$

?RCS: Revision 3.0.1.1 1994/01/24 14:17:16 ram

?RCS: patch16: definition of \_V now appears only when needed

?RCS:



```

?RCS: Revision 3.0 1993/08/18 12:09:59 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:vaproto: prototype i_stdarg Setvar
?MAKE: -pick add $@ %<
?S:vaproto:
?S: This variable conditionally defines CAN_VAPROTO on systems supporting
?S: prototype declaration of functions with a variable number of
?S: arguments. See also prototype.
?S:.
?C:CAN_VAPROTO ~ %<:
?C: This variable is defined on systems supporting prototype declaration
?C: of functions with a variable number of arguments.
?C:.
?C:_V:
?C: This macro is used to declare function parameters in prototypes for
?C: functions with a variable number of parameters. Use double parentheses.
?C: For example:
?C:
?C: int printf _V((char *fmt, ...));
?C:
?C: Remember to use the plain simple _() macro when declaring a function
?C: with no variable number of arguments, since it might be possible to
?C: have a non-effect _V() macro and still get prototypes via _().
?C:.
?H:?%<:#$vaproto CAN_VAPROTO /**/
?H:?_V:#ifdef CAN_VAPROTO
?H:?_V:#define _V(args) args
?H:?_V:#else
?H:?_V:#define _V(args) ()
?H:?_V:#endif
?H:.
?LINT:set vaproto
: see if prototypes support variable argument declarations
echo " "
case "$prototype$i_stdarg" in
$define$define)
echo "It appears we'll be able to prototype varargs functions." >&4
val="$define"
;;
*)
echo "Too bad... We won't be using prototyped varargs functions..." >&4
val="$undef"
;;
esac
set vaproto
eval $setvar

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/vaproto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorman3dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999-2000, Andy Dougherty

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorman3dir.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?MAKE:vendorman3dir vendorman3direxp installvendorman3dir: man3dir Getfile \  
Oldconfig Setprefixvar Prefixit test vendorprefix prefix sed

?MAKE: -pick add \$@ %<

?Y:TOP

?S:vendorman3dir:

?S: This variable contains the name of the directory for man3

?S: pages. It may have a ~ on the front.

?S: The standard distribution will put nothing in this directory.

?S: Vendors who distribute perl may wish to place their own

?S: man3 pages in this directory with

?S: MakeMaker Makefile.PL INSTALLDIRS=vendor

?S: or equivalent. See INSTALL for details.

?S:.

?S:vendorman3direxp:

?S: This variable is the ~name expanded version of vendorman3dir, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installvendorman3dir="

?S:installvendorman3dir:

?S: This variable is really the same as vendorman3direxp but may differ on

?S: those systems using AFS. For extra portability, only this variable

?S: should be used in makefiles.

?S:.

?LINT:change prefixvar

?LINT:set installvendorman3dir

: Set the vendorman3dir variables

case "\$vendorprefix" in

") vendorman3dir="

vendorman3direxp="

```

;;
*) : determine where vendor-supplied module manual pages go.
case "$vendorman3dir" in
  ") dflt=`echo "$man3dir" | $sed "s#^$prefix#$vendorprefix#" ` ;;
*) dflt=$vendorman3dir ;;
esac
case "$dflt" in
  "|" ') dflt=none ;;
esac
fn=nd~+
rp='Pathname for the vendor-supplied manual section 3 pages?'
. ./getfile
vendorman3dir="$ans"
vendorman3direxp="$ansexp"
;;
esac
: Use ' ' for none so value is preserved next time through Configure
$test X"$vendorman3dir" = "X" && vendorman3dir=' '
prefixvar=vendorman3dir
. ./installprefix

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorman3dir.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: registers.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: registers.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 16:19:41 ram
?RCS: patch61: removed empty ?LINT lines
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:28:33 ram
?RCS: patch36: call ./Cpplib explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:41 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:registers reg1 reg2 reg3 reg4 reg5 reg6 reg7 reg8 reg9 reg10 reg11 \
reg12 reg13 reg14 reg15 reg16: awk rm Cpplib Myread Oldconfig

```

?MAKE: -pick add \$@ %<

?S:registers:

?S: This variable contains the number of register declarations paid  
 ?S: attention to by the C compiler.

?S:.

?S:reg1:

?S: This variable, along with reg2, reg3, etc. contains the eventual  
 ?S: value for the symbols register1, register2, register3, etc. It has  
 ?S: either the value "register" or is null.

?S:.

?C:register1:

?C: This symbol, along with register2, register3, etc. is either the word  
 ?C: "register" or null, depending on whether the C compiler pays attention  
 ?C: to this many register declarations. The intent is that you don't have  
 ?C: to order your register declarations in the order of importance, so you  
 ?C: can freely declare register variables in sub-blocks of code and as  
 ?C: function parameters. Do not use register<n> more than once per routine.

?C:.

?LINT:describe reg2 reg3 reg4 reg5 reg6 reg7 reg8 reg9 reg10 reg11

?LINT:describe reg12 reg13 reg14 reg15 reg16

?LINT:known register2 register3 register4 register5 register6 register7

?LINT:known register8 register9 register10 register11 register12 register13

?LINT:known register14 register15 register16

?H:#define register1 \$reg1 /\*\*/  
 ?H:#define register2 \$reg2 /\*\*/  
 ?H:#define register3 \$reg3 /\*\*/  
 ?H:#define register4 \$reg4 /\*\*/  
 ?H:#define register5 \$reg5 /\*\*/  
 ?H:#define register6 \$reg6 /\*\*/  
 ?H:#define register7 \$reg7 /\*\*/  
 ?H:#define register8 \$reg8 /\*\*/  
 ?H:#define register9 \$reg9 /\*\*/  
 ?H:#define register10 \$reg10 /\*\*/  
 ?H:#define register11 \$reg11 /\*\*/  
 ?H:#define register12 \$reg12 /\*\*/  
 ?H:#define register13 \$reg13 /\*\*/  
 ?H:#define register14 \$reg14 /\*\*/  
 ?H:#define register15 \$reg15 /\*\*/  
 ?H:#define register16 \$reg16 /\*\*/  
 ?H:.

?F:!.foo

: see how many register declarations we want to use  
 case "\$registers" in  
 ")  
 if ./Cppsym vax; then  
 dflt=6  
 elif ./Cppsym sun mc68000 mips; then  
 dflt=10

```

elif ./Cppsymb pyr; then
  dflt=14
elif ./Cppsymb ns32000 ns16000; then
  dflt=5
elif ./Cppsymb $smallmach; then
  dflt=3
else
  : if you have any other numbers for me, please send them in
  dflt=6
fi;;
*) dflt=$registers ;;
esac
?LINT:set reg2 reg3 reg4 reg5 reg6 reg7 reg8 reg9 reg10 reg11
?LINT:set reg12 reg13 reg14 reg15 reg16
cat <<EOM

```

Different C compilers on different machines pay attention to different numbers of register declarations. About how many register declarations in each routine does your C compiler pay attention to? (OK to guess)

```

EOM
rp="Maximum register declarations?"
./myread
registers=$ans
reg1="
$awk "BEGIN { for (i=1; i<=16; i++) printf \"reg%d=\\n\\\", i} \" \
</dev/null >.foo
./foo
$awk "BEGIN { for (i=1; i<=$registers; i++) printf \"reg%d=register\\n\\\", i} \" \
</dev/null >.foo
./foo
$rm -f .foo

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/registers.U
```

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```

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?RCS:
?MAKE:longdblmanbits doublemantbits nvmantbits: Inlibc cat Compile run \
rm_try Setvar echo i_sunmath usequadmath \
d_longdbl longdblkind nvsizes doublesize longdblsize

```

```

?MAKE: -pick add $@ %<
?S:doublemantbits:
?S: This symbol, if defined, tells how many mantissa bits
?S: there are in double precision floating point format.
?S: Note that this is usually DBL_MANT_DIG minus one, since
?S: with the standard IEEE 754 formats DBL_MANT_DIG includes
?S: the implicit bit which doesn't really exist.
?S:.
?S:longdblmantbits:
?S: This symbol, if defined, tells how many mantissa bits
?S: there are in long double precision floating point format.
?S: Note that this can be LDBL_MANT_DIG minus one,
?S: since LDBL_MANT_DIG can include the IEEE 754 implicit bit.
?S: The common x86-style 80-bit long double does not have
?S: an implicit bit.
?S:.
?S:nvmantbits:
?S: This variable tells how many bits the mantissa of a Perl NV has,
?S: not including the possible implicit bit.
?S:.
?C:DOUBLEMANTBITS:
?C: This symbol, if defined, tells how many mantissa bits
?C: there are in double precision floating point format.
?C: Note that this is usually DBL_MANT_DIG minus one, since
?C: with the standard IEEE 754 formats DBL_MANT_DIG includes
?C: the implicit bit, which doesn't really exist.
?C:.
?C:LONGDBLMANTBITS:
?C: This symbol, if defined, tells how many mantissa bits
?C: there are in long double precision floating point format.
?C: Note that this can be LDBL_MANT_DIG minus one,
?C: since LDBL_MANT_DIG can include the IEEE 754 implicit bit.
?C: The common x86-style 80-bit long double does not have
?C: an implicit bit.
?C:.
?C:NVMANTBITS:
?C: This symbol, if defined, tells how many mantissa bits
?C: (not including implicit bit) there are in a Perl NV.
?C: This depends on which floating point type was chosen.
?C:.
?H:#define DOUBLEMANTBITS $doublemantbits
?H:#define LONGDBLMANTBITS $longdblmantbits
?H:#define NVMANTBITS $nvmantbits
?H:.
?F:!try
: Check the length of the double mantissa
$echo "Checking how many mantissa bits your doubles have..." >&4
$cat >try.c <<EOP

```

```

#i_sunmath I_SUNMATH
#include <float.h>
#ifdef I_SUNMATH
# include <sunmath.h>
#endif
#ifdef DBL_MANT_DIG
# define BITS (DBL_MANT_DIG - 1) /* the implicit bit does not count */
#endif
#include <stdio.h>
int main(int argc, char *argv[]) {
#ifdef BITS
printf("%d\n", BITS);
#endif
return 0;
}
EOP
set try
if eval $compile; then
doublemantbits=`$run ./try`
else
doublemantbits="$undef"
fi
$rm_try

```

: Check the length of the longdouble mantissa

\$echo "Checking how many mantissa bits your long doubles have..." >&4

\$cat >try.c <<EOP

```

#i_sunmath I_SUNMATH
#include <float.h>
#ifdef I_SUNMATH
# include <sunmath.h>
#endif
#$d_longdbl HAS_LONG_DOUBLE
#if defined(HAS_LONG_DOUBLE) && defined(LDBL_MANT_DIG)
# if ($longdblkind == 3) || ($longdblkind == 4) /* 80-bit extended precision */
/* This format has no implicit bit. Beware, however, that for
* this format the bare LDBL_MANT_DIG is misleading for inf/nan:
* the top three bits are used for inf (100) / qnan (11x) / snan (101),
* and the top bit must have been one since 387, zero is plain invalid.
* For normal fp values, the LDBL_MANT_DIG is fine, though. */
# define BITS LDBL_MANT_DIG
# elif ($longdblkind == 5 || $longdblkind == 6 || $longdblkind == 7 || $longdblkind == 8) /* double double */
/* LDBL_MANT_DIG of 106 (twice 53) would be logical, but for some
* reason e.g. Irix thinks 107. But in any case, we want only
* the number of real bits, the implicit bits are of no interest. */
# define BITS 2 * (DBL_MANT_DIG - 1)
# else
# define BITS (LDBL_MANT_DIG - 1) /* the implicit bit does not count */

```

```

# endif
#endif
#include <stdio.h>
int main(int argc, char *argv[]) {
#ifdef BITS
printf("%d\n", BITS);
#endif
return 0;
}
EOP
set try
if eval $compile; then
longdblmanbits=`$run ./try`
else
longdblmanbits="$undef"
fi
$rm_try

```

: Check the length of the NV mantissa

```
$echo "Checking how many mantissa bits your NVs have..." >&4
```

```
if test "X$susequasmath" = "X$define"; then
```

```
nvmanbits=112 # 128-1-15
```

```
else
```

```
if test "X$nvsize" = "X$doublesize"; then
```

```
nvmanbits="$doublemanbits"
```

```
else
```

```
if test "X$nvsize" = "X$longdblsize"; then
```

```
nvmanbits="$longdblmanbits"
```

```
else
```

```
nvmanbits="$undef"
```

```
fi
```

```
fi
```

```
fi
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/manbits.U
```

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```
?RCS: $Id: d_crypt.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

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```



```

?RCS:
?RCS: $Log: d_crypt.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:31:47 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:52 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_crypt cryptlib: Loc test xlibpth libpth Csym Setvar _a Inlibc
?MAKE: -pick add $@ %<
?S:d_crypt:
?S: This variable conditionally defines the CRYPT symbol, which
?S: indicates to the C program that the crypt() routine is available
?S: to encrypt passwords and the like.
?S:.
?S: cryptlib:
?S: This variable holds -lcrypt or the path to a libcrypt.a archive if
?S: the crypt() function is not defined in the standard C library. It is
?S: up to the Makefile to use this.
?S:.
?C:HAS_CRYPT (CRYPT):
?C: This symbol, if defined, indicates that the crypt routine is available
?C: to encrypt passwords and the like.
?C:.
?H:#$d_crypt HAS_CRYPT /**/
?H:.
?LINT:set d_crypt
?T:val
: see if crypt exists
echo " "
set crypt d_crypt
eval $inlibc
case "$d_crypt" in
$define) cryptlib="";;
*) if set crypt val -f d_crypt; eval $csym; $val; then
echo 'crypt() found.' >&4
val="$define"
cryptlib="
else
cryptlib=`./loc Slibcrypt$_a "" $xlibpth`
if $test -z "$cryptlib"; then
cryptlib=`./loc Mlibcrypt$_a "" $xlibpth`
else
cryptlib=-lcrypt
fi
if $test -z "$cryptlib"; then
cryptlib=`./loc Llibcrypt$_a "" $xlibpth`
else

```

```

cryptlib=-lcrypt
fi
if $test -z "$cryptlib"; then
cryptlib=`./loc libcrypt$_a "" $libpth`
else
cryptlib=-lcrypt
fi
if $test -z "$cryptlib"; then
echo 'crypt() NOT found.'>&4
val="$undef"
else
val="$define"
fi
fi
set d_crypt
eval $setvar
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_crypt.U
```

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```

?RCS: $Id: d_normsig.U 1 2006-08-24 12:32:52Z rmanfredi $
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_normsig.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:37:03 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:14:48 ram
?RCS: patch36: call ./bsd explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:44 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_normsig joblib: test Setvar Guess _a
?MAKE: -pick add $@ %<
?S:d_normsig:
?S: This variable conditionally defines the NORMSIG symbol, which

```

?S: indicates to the C program that the normal signal handling routines  
 ?S: should be used, as opposed to the ones in 4.1bsd (sigset, etc.).  
 ?S:.  
 ?S:jobslib:  
 ?S: This variable holds the argument to be passed to the loader to include  
 ?S: the strange signal handling routines from 4.1bsd. On systems that  
 ?S: have NORMSIG defined this variable is null.  
 ?S:.  
 ?C:NORMSIG:  
 ?C: This symbol, if defined, indicates that normal signal handling routines  
 ?C: should be used, as opposed to the ones in 4.1bsd (sigset, etc.).  
 ?C:.  
 ?H:#\$d\_normsig NORMSIG /\*\*/  
 ?H:.  
 ?LINT:set d\_normsig  
 : see if we need -ljobs and if we have sigset, etc.  
 echo " "  
 if \$test -r /usr/lib/libjobs\$\_a || \$test -r /usr/local/lib/libjobs\$\_a ; then  
 echo "Jobs library found." >&4  
 val="\$undef"  
 jobslib='-ljobs'  
 else  
 if ./bsd; then  
 echo "No jobs library found. (I suppose this is at least 4.2...)" >&4  
 else  
 echo "No jobs library found. (That's okay, we all have our faults.)" >&4  
 fi  
 val="\$define"  
 jobslib="  
 fi  
 set d\_normsig  
 eval \$setvar

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_normsig.U

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?RCS:

```

?RCS: $Log: pager.U,v $
?RCS: Revision 3.0.1.2 1995/01/30 14:41:26 ram
?RCS: patch49: ensure dflt gets initialized in case no pagers are found (WED)
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:27:45 ram
?RCS: patch36: replaced Myread by Getfile in the dependency line
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:30 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE: pager: pg more less Getfile Oldconfig
?MAKE: -pick add $@ %<
?S: pager:
?S: This variable contains the name of the preferred pager on the system.
?S: Usual values are (the full pathnames of) more, less, pg, or cat.
?S:
: locate the preferred pager for this system
fn=f/
case "$pager" in
")
dflt="
case "$pg" in
/*) dflt=$pg;;
[a-zA-Z]:/*) dflt=$pg;;
esac
case "$more" in
/*) dflt=$more;;
[a-zA-Z]:/*) dflt=$more;;
esac
case "$less" in
/*) dflt=$less;;
[a-zA-Z]:/*) dflt=$less;;
esac
case "$dflt" in
") dflt=/usr/ucb/more;;
esac
;;
*) dflt="$pager"
;;
esac
?X: Instruct ./getfile to trust the default pager value,
?X: even if it does not begin with a slash. For example, on os2,
?X: pager might be cmd/c more. Also, it might include some options,
?X: such as '/usr/bin/less -R'. ./getfile would report that
?X: "/usr/bin/less -R" doesn't exist.
?X: See comments in Getfile.U.
fn="f/($dflt)"
echo " "

```

rp='What pager is used on your system?'

./getfile

pager="\$ans"

Found in path(s):

\*/opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/pager.U

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?RCS: \$Id: d\_endnetent\_r.U,v 0RCS:

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?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_endnetent\_r endnetent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_netdb extern\_C

?MAKE: -pick add \$@ %<

?S:d\_endnetent\_r:

?S: This variable conditionally defines the HAS\_ENDNETENT\_R symbol,

?S: which indicates to the C program that the endnetent\_r()

?S: routine is available.

?S:.

?S:endnetent\_r\_proto:

?S: This variable encodes the prototype of endnetent\_r.

?S: It is zero if d\_endnetent\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_endnetent\_r

?S: is defined.

?S:.

?C:HAS\_ENDNETENT\_R:

?C: This symbol, if defined, indicates that the endnetent\_r routine

?C: is available to endnetent re-entrantly.

?C:.

?C:ENDNETENT\_R\_PROTO:

?C: This symbol encodes the prototype of endnetent\_r.

?C: It is zero if d\_endnetent\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_endnetent\_r

?C: is defined.

?C:.

?H:#\$d\_endnetent\_r HAS\_ENDNETENT\_R /\*\*/

?H:#define ENDNETENT\_R\_PROTO \$endnetent\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_endnetent\_r\_proto

: see if endnetent\_r exists

set endnetent\_r d\_endnetent\_r

eval \$inlibc

```

case "$d_endnetent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_endnetent_r_proto:$usethreads" in
":define") d_endnetent_r_proto=define
set d_endnetent_r_proto endnetent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_endnetent_r_proto" in
define)
case "$endnetent_r_proto" in
"|0) try='int endnetent_r(struct netent_data*);'
./protochk "$extern_C $try" $hdrs && endnetent_r_proto=I_D ;;
esac
case "$endnetent_r_proto" in
"|0) try='void endnetent_r(struct netent_data*);'
./protochk "$extern_C $try" $hdrs && endnetent_r_proto=V_D ;;
esac
case "$endnetent_r_proto" in
"|0) d_endnetent_r=undef
endnetent_r_proto=0
echo "Disabling endnetent_r, cannot determine prototype." >&4 ;;
* ) case "$endnetent_r_proto" in
REENTRANT_PROTO*) ;;
*) endnetent_r_proto="REENTRANT_PROTO_$endnetent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "endnetent_r has no prototype, not using it." >&4 ;;
esac
d_endnetent_r=undef
endnetent_r_proto=0
;;
esac
;;
*) endnetent_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endnetent_r.U
```

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```
?RCS: $Id: d_fgetpos.U 1 2006-08-24 12:32:52Z rmanfredi $
```

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_fgetpos.U,v \$  
?RCS: Revision 3.0.1.1 1994/06/20 06:57:33 ram  
?RCS: patch30: created  
?RCS:  
?MAKE:d\_fgetpos: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_fgetpos:  
?S: This variable conditionally defines HAS\_FGETPOS if fgetpos() is  
?S: available to get the file position indicator.  
?S:.  
?C:HAS\_FGETPOS:  
?C: This symbol, if defined, indicates that the fgetpos routine is  
?C: available to get the file position indicator, similar to ftell().  
?C:.  
?H:#\$d\_fgetpos HAS\_FGETPOS /\*\*/  
?H:.  
?LINT:set d\_fgetpos  
: see if fgetpos exists  
set fgetpos d\_fgetpos  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_fgetpos.U

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?RCS: \$Id: d\_alarm.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_alarm.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:06:58 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_alarm: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_alarm:  
?S: This variable conditionally defines the HAS\_ALARM symbol, which  
?S: indicates to the C program that the alarm() routine is available.  
?S:.  
?C:HAS\_ALARM :  
?C: This symbol, if defined, indicates that the alarm routine is  
?C: available.  
?C:.  
?H:#\$d\_alarm HAS\_ALARM /\*\*/  
?H:.  
?LINT:set d\_alarm  
: see if alarm exists  
set alarm d\_alarm  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_alarm.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_mblen.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_mblen.U,v \$  
?RCS: Revision 3.0.1.1 1994/08/29 16:09:40 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_mblen: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_mblen:  
?S: This variable conditionally defines the HAS\_MBLLEN symbol, which  
?S: indicates to the C program that the mblen() routine is available  
?S: to find the number of bytes in a multibyte character.  
?S:.



?C:HAS\_MBLEN:  
?C: This symbol, if defined, indicates that the mblen routine is available  
?C: to find the number of bytes in a multibyte character.  
?C:.  
?H:#\$d\_mblen HAS\_MBLEN /\*\*/  
?H:.  
?LINT:set d\_mblen  
: see if mblen exists  
set mblen d\_mblen  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_mblen.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_locale.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1996, Andy Dougherty  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: i\_locale.U,v \$  
?RCS: Revision 3.0.1.1 1997/02/28 15:48:23 ram  
?RCS: patch61: created  
?RCS:  
?MAKE:i\_locale: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_locale:  
?S: This variable conditionally defines the I\_LOCALE symbol,  
?S: and indicates whether a C program should include <locale.h>.  
?S:.  
?C:I\_LOCALE:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <locale.h>.  
?C:.  
?H:#\$i\_locale I\_LOCALE /\*\*/  
?H:.  
?LINT:set i\_locale  
: see if locale.h is available  
set locale.h i\_locale  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_locale.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getppid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d\_getppid.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:07:45 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d\_getppid: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getppid:

?S: This variable conditionally defines the HAS\_GETPPID symbol, which

?S: indicates to the C program that the getppid() routine is available

?S: to get the parent process ID.

?S:.

?C:HAS\_GETPPID :

?C: This symbol, if defined, indicates that the getppid routine is

?C: available to get the parent process ID.

?C:.

?H:#\$d\_getppid HAS\_GETPPID /\*\*/

?H:.

?LINT:set d\_getppid

: see if getppid exists

set getppid d\_getppid

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_getppid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_lockf.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,  
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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_lockf.U,v \$  
?RCS: Revision 3.0.1.1 1994/08/29 16:09:36 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_lockf: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_lockf:  
?S: This variable conditionally defines HAS\_LOCKF if lockf() is  
?S: available to do file locking.  
?S:.  
?C:HAS\_LOCKF (LOCKF):  
?C: This symbol, if defined, indicates that the lockf routine is  
?C: available to do file locking.  
?C:.  
?H:#\$d\_lockf HAS\_LOCKF /\*\*/  
?H:.  
?LINT:set d\_lockf  
: see if lockf exists  
set lockf d\_lockf  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_lockf.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_trunc: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_trunc:  
?S: This variable conditionally defines the HAS\_TRUNC symbol, which  
?S: indicates to the C program that the trunc() routine is available  
?S: to round doubles towards zero.  
?S:.  
?C:HAS\_TRUNC:  
?C: This symbol, if defined, indicates that the trunc routine is  
?C: available to round doubles towards zero.  
?C:.

?H:#\$d\_trunc HAS\_TRUNC /\*\*/

?H:.

?LINT:set d\_trunc

: see if trunc exists

set trunc d\_trunc

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_trunc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_dup2.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_dup2.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:56 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_dup2: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_dup2:

?S: This variable conditionally defines HAS\_DUP2 if dup2() is

?S: available to duplicate file descriptors.

?S:.

?C:HAS\_DUP2 (DUP2):

?C: This symbol, if defined, indicates that the dup2 routine is

?C: available to duplicate file descriptors.

?C:.

?H:#\$d\_dup2 HAS\_DUP2 /\*\*/

?H:.

?LINT:set d\_dup2

: see if dup2 exists

set dup2 d\_dup2

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_dup2.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vaprot0.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>

?RCS:

?RCS: \$Log: vaprot0.U,v \$

?RCS: Revision 3.0.1.1 1994/01/24 14:17:16 ram

?RCS: patch16: definition of \_V now appears only when needed

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:59 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:vaprot0: prototype i\_stdarg Setvar

?MAKE: -pick add \$@ %<

?S:vaprot0:

?S: This variable conditionally defines CAN\_VAPROTO on systems supporting  
?S: prototype declaration of functions with a variable number of  
?S: arguments. See also prototype.

?S:.

?C:CAN\_VAPROTO ~ %<:

?C: This variable is defined on systems supporting prototype declaration  
?C: of functions with a variable number of arguments.

?C:.

?C:\_V:

?C: This macro is used to declare function parameters in prototypes for  
?C: functions with a variable number of parameters. Use double parentheses.

?C: For example:

?C:

?C: int printf \_V((char \*fmt, ...));

?C:

?C: Remember to use the plain simple \_() macro when declaring a function  
?C: with no variable number of arguments, since it might be possible to  
?C: have a non-effect \_V() macro and still get prototypes via \_().

?C:.

?H:?%<:#\$vaprot0 CAN\_VAPROTO /\*\*/  
?H:?\_V:#ifdef CAN\_VAPROTO  
?H:?\_V:#define \_V(args) args  
?H:?\_V:#else  
?H:?\_V:#define \_V(args) ()  
?H:?\_V:#endif  
?H:.

```

?W:%<:_V
?LINT:set vaproto
: see if prototypes support variable argument declarations
echo " "
case "$prototype$i_stdarg" in
$define$define)
echo "It appears we'll be able to prototype varargs functions." >&4
val="$define"
;;
*)
echo "Too bad... We won't be using prototyped varargs functions..." >&4
val="$undef"
;;
esac
set vaproto
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/vaproto.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fsync: Inlibc
?MAKE:-pick add $@ %<
?S:d_fsync:
?S: This variable conditionally defines the HAS_FSYNC symbol, which
?S: indicates to the C program that the fsync() routine is available.
?S:.
?C:HAS_FSYNC:
?C: This symbol, if defined, indicates that the fsync routine is
?C: available to write a file's modified data and attributes to
?C: permanent storage.
?C:.
?H:#$d_fsync HAS_FSYNC /**/
?H:.
?LINT:set d_fsync
: see if fsync exists
set fsync d_fsync
eval $inlibc

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fsync.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Filexp.U,v \$

?RCS: Revision 3.0.1.2 1994/10/29 15:52:53 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS: patch36: added HOME to the ?T: line since metalint now checks \${HOME}

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 14:03:00 ram

?RCS: patch23: made sure error status from csh is propagated (WED)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:53 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit produces a shell script which will expand filenames beginning

?X: with tildes. The script is deleted at the end of Configure.

?X:

?MAKE:Filexp: startsh sed test expr eunicefix

?MAKE: -pick add \$@ %<

?F:./filexp

?T:HOME LOGDIR dir me name failed

: set up shell script to do ~ expansion

cat >filexp <<EOSS

\$startsh

: expand filename

?X:

?X: The case entries below escape the ~ as some shells have shown expansion

?X: of the ~ during here-doc processing.

?X:

case "\$1" in

|\~\*/|\~)

echo \$1 | \$sed "s|\~|\\${HOME-\\\$LOGDIR}|"

;;

|\~\*)

if \$test -f /bin/csh; then

/bin/csh -f -c "glob \$1"

```

failed=\$?
echo ""
exit \$failed
else
name=\`$expr x\$1 : '.*\([^/]*\)'\`
dir=\`$sed -n -e "/^\${name}:/s/^[^:]*:[^:]*:[^:]*:[^:]*:[^:]*:\([^:]*\).*$""\$"/1/" -e p -e q -e '}' </etc/passwd\`
if \$test ! -d "\$dir"; then
me=\`basename \$0\`
echo "\$me: can't locate home directory for: \$name" >&2
exit 1
fi
case "\$1" in
*/*)
echo \$dir/\`$expr x\$1 : '.*\([^/]*\)'\`
;;
*)
echo \$dir
;;
esac
fi
;;
*)
echo \$1
;;
esac
EOSS
chmod +x filexp
$unicefix filexp

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Filexp.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: package.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: package.U,v \$

?RCS: Revision 3.0.1.3 1994/10/29 16:27:21 ram

?RCS: patch36: beware of non-ascii character sets when translating case

?RCS:



```

?RCS: Revision 3.0.1.2 1993/11/10 17:37:02 ram
?RCS: patch14: skip definition of spackage if not otherwise used
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:11:10 ram
?RCS: patch10: added spackage, suitable for starting sentences
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:28 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:package spackage: Nothing
?MAKE: -pick wipe $@ %<
?S:package:
?S: This variable contains the name of the package being constructed.
?S: It is primarily intended for the use of later Configure units.
?S:.
?S:spackage:
?S: This variable contains the name of the package being constructed,
?S: with the first letter uppercased, i.e. suitable for starting
?S: sentences.
?S:.
?X: dist-4 has defined PACKAGE: here, which clashes with perly.h
?X: as package is a reserved keyword in perl
?T:first last
: set package name
package='<PACKAGENAME>'
@if spackage
first=`echo $package | sed -e 's/^(.).*\1/'
last=`echo $package | sed -e 's/^(.*)\1/'
?X:
?X: So early in the Configure script, we don't have ./tr set up and can't
?X: include Tr in our dependency or that would create a cycle. Therefore,
?X: we have to somehow duplicate the work done in Tr. That's life.
?X:
case "`echo AbyZ | tr '[:lower:]' '[:upper:]' 2>/dev/null`"-`echo AbyZ | tr '[:upper:]' '[:lower:]' 2>/dev/null`" in
ABYZ-abyz) spackage=`echo $first | tr '[:lower:]' '[:upper:]'`$last;;
*) spackage=`echo $first | tr '[a-z]' '[A-Z]'`$last;;
esac
@end

Found in path(s):
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/modified/package.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: shm_for.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:

```

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: shm\_for.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/29 16:28:37 ram  
?RCS: patch36: call ./Cpssym explicitly instead of relying on PATH  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:46 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:shm\_for shm\_att shm\_lim: Cpssym Myread ipc uname  
?MAKE: -pick add \$@ %<  
?S:shm\_for:  
?S: This variable tells us the type of machine we're expecting the  
?S: shared memory code to run on. The value is available to C programs  
?S: in the C\_SHM\_FOR manifest.  
?S:.  
?S:shm\_att:  
?S: This variable tells us where a shared memory segment should be  
?S: attached. Good values are HIGH, LOW, and ZERO.  
?S:.  
?S:shm\_lim:  
?S: This variable tells us if shared memory attached HIGH should  
?S: have an upper limit.  
?S:.  
?X: -----  
?X: It's a potential lose to define anything beginning with SHM...  
?X: At least we can think that S\_ stands for "String version of ..." -- HMS  
?X: -----  
?C:S\_SHM\_FOR ~ %<:  
?C: This symbol identifies what we chose for the target system's  
?C: default shared memory configuration parameters.  
?C:.  
?C:S\_SHM\_ATT ~ %<:  
?C: This symbol holds the default "place" to attach shared memory.  
?C: Values are "HIGH", "ZERO", and "LOW".  
?C:.  
?C:S\_SHM\_LIM ~ %<:  
?C: This symbol holds the default upper bound address limit if shared  
?C: memory is attached HIGH. If zero, there is no upper limit.  
?C:.  
?H:%<:#ifdef SERVE\_SHM  
?H:%<:#define S\_SHM\_FOR "\$shm\_for"  
?H:%<:#define S\_SHM\_ATT "\$shm\_att"  
?H:%<:#define S\_SHM\_LIM "\$shm\_lim"

```
?H:?%<:#endif
?H:.
?W:%<:S_SHM_FOR S_SHM_ATT S_SHM_LIM
: see how to attach shared memory
echo " "
echo "Deciding how to attach shared memory..." >&4
```

```
case "$ipc" in
shm)
shm_for='Default case'
shm_att='HIGH'
shm_lim='0x0'
if ./Cppsym tower32 tower32_600; then
echo "NCR Towers are usually normal..."
: echo "Oh, an NCR Tower."
: This works for the 600
shm_for='NCR Tower 32'
shm_att='LOW'
else
case "$uname" in
*/uname)
case "`uname -m`" in
ACS??68*)
echo "Oh, an Altos 3068."
shm_for='Altos 3068:'
shm_lim='0x800000'
;;
esac
;;
*)
echo "Looks normal to me..."
;;
esac
fi
```

```
dflt="$shm_for"
rp='Description of shared memory configuration?'
./myread
shm_for="$ans"
```

```
dflt="$shm_att"
rp='Where should shared memory be attached?'
./myread
shm_att="$ans"
```

```
case "$shm_att" in
HIGH)
dflt="$shm_lim"
```

```

rp='What is the upper address limit for shared memory?'
./myread
shm_lim="$ans"
;;
*)
shm_lim="
;;
esac
;;

*)
echo "but you aren't using shared memory so I won't bother." >&4
shm_for='NOT CONFIGURED'
shm_att='NONE'
shm_lim='-1'
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/shm_for.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorlib.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999, Andy Dougherty

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorlib.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?MAKE:d\_vendorlib vendorlib vendorlibexp installvendorlib vendorlib\_stem: \

Getfile Setprefixvar Oldconfig Prefixit package vendorprefix sed \

installstyle version

?MAKE: -pick add \$@ %<

?Y:TOP

?S:vendorlib:

?S: This variable contains the eventual value of the VENDORLIB symbol,

?S: which is the name of the private library for this package.

?S: The standard distribution will put nothing in this directory.

?S: Vendors who distribute perl may wish to place their own

?S: modules in this directory with

?S: MakeMaker Makefile.PL INSTALLDIRS=vendor  
 ?S: or equivalent. See INSTALL for details.  
 ?S:.  
 ?S:vendorlibexp:  
 ?S: This variable is the ~name expanded version of vendorlib, so that you  
 ?S: may use it directly in Makefiles or shell scripts.  
 ?S:.  
 ?D:installvendorlib="  
 ?S:installvendorlib:  
 ?S: This variable is really the same as vendorlibexp but may differ on  
 ?S: those systems using AFS. For extra portability, only this variable  
 ?S: should be used in makefiles.  
 ?S:.  
 ?S:d\_vendorlib:  
 ?S: This variable conditionally defines PERL\_VENDORLIB.  
 ?S:.  
 ?S:vendorlib\_stem:  
 ?S: This variable is \$vendorlibexp with any trailing version-specific component  
 ?S: removed. The elements in inc\_version\_list (inc\_version\_list.U) can  
 ?S: be tacked onto this variable to generate a list of directories to search.  
 ?S:.  
 ?C:PERL\_VENDORLIB:  
 ?C: If defined, this symbol contains the name of a private library.  
 ?C: The library is private in the sense that it needn't be in anyone's  
 ?C: execution path, but it should be accessible by the world. The program  
 ?C: should be prepared to do ~ expansion.  
 ?C: The standard distribution will put nothing in this directory.  
 ?C: Vendors who distribute perl may wish to place their own  
 ?C: modules in this directory with  
 ?C: MakeMaker Makefile.PL INSTALLDIRS=vendor  
 ?C: or equivalent. See INSTALL for details.  
 ?C:.  
 ?C:PERL\_VENDORLIB\_EXP:  
 ?C: This symbol contains the ~name expanded version of VENDORLIB, to be used  
 ?C: in programs that are not prepared to deal with ~ expansion at run-time.  
 ?C:.  
 ?C:PERL\_VENDORLIB\_STEM:  
 ?C: This define is PERL\_VENDORLIB\_EXP with any trailing version-specific component  
 ?C: removed. The elements in inc\_version\_list (inc\_version\_list.U) can  
 ?C: be tacked onto this variable to generate a list of directories to search.  
 ?C:.  
 ?H:#\$d\_vendorlib PERL\_VENDORLIB "\$vendorlib" /\*\*/  
 ?H:#\$d\_vendorlib PERL\_VENDORLIB\_EXP "\$vendorlibexp" /\*\*/  
 ?H:#\$d\_vendorlib PERL\_VENDORLIB\_STEM "\$vendorlib\_stem" /\*\*/  
 ?H:.  
 ?T:prog  
 ?LINT:change prefixvar  
 ?LINT:set installvendorlib

```

: Set the vendorlib variables
case "$vendorprefix" in
") d_vendorlib="$sundef"
vendorlib="
vendorlibexp="
;;
*) d_vendorlib="$sdefine"
: determine where vendor-supplied modules go.
: Usual default is /usr/local/lib/perl5/vendor_perl/$version
case "$vendorlib" in
")
?X: remove any trailing -3.0 or other version identification
prog=`echo $package | $sed 's/-*[0-9.]*$//'^
case "$installstyle" in
*lib/perl5*) dflt=$vendorprefix/lib/$package/vendor_$prog/$version ;;
*) dflt=$vendorprefix/lib/vendor_$prog/$version ;;
esac
;;
*) dflt="$vendorlib"
;;
esac
fn=d~+
rp='Pathname for the vendor-supplied library files?'
./getfile
vendorlib="$ans"
vendorlibexp="$ansexp"
;;
esac
vendorlib_stem=`echo "$vendorlibexp" | sed "s,/,$version$,,"`
prefixvar=vendorlib
./installprefix

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorlib.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?X: This unit generates a \$hasfield string that is used internally

?X: by Configure to check if this system has a field for a

?X: particular struct (of if this system has a particular struct!)

?X:

```

?X: To use it, say something like:
?X: set d_statblocks stat st_blocks i_sysstat sys/stat.h
?X: eval $hasfield
?X: Or, for more complicated sets of headers, do something like
?X: hdrs="$define sys/foo.h
?X: $i_sysbar sys/bar.h
?X: $i_syszot sys/zot.h
?X: $i_zappa zappa.h"
?X: set d_statblocks stat st_blocks $hdrs
?X: eval $hasfield
?X:
?MAKE:Hasfield: Setvar rm_try test Compile
?MAKE: -pick add $@ %<
?T:varname struct field
?V:hasfield
: Define hasfield macro for Configure internal use
hasfield='varname=$1; struct=$2; field=$3; shift; shift; shift;
while $test $# -ge 2; do
case "$1" in
$define) echo "#include <$2>";;
esac ;
shift 2;
done > try.c;
echo "int main () { struct $struct foo; char* bar; bar = (char*)foo.$field; }" >> try.c;
set try;
if eval $compile; then
val="$define";
else
val="$undef";
fi;
set $varname;
eval $setvar;
$rm_try'

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/Hasfield.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: cppstdin.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

?RCS:  
?RCS: \$Log: cppstdin.U,v \$  
?RCS: Revision 3.0.1.4 1994/10/29 16:08:34 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS:  
?RCS: Revision 3.0.1.3 1994/01/24 14:05:38 ram  
?RCS: patch16: comment for CPPLAST was missing  
?RCS:  
?RCS: Revision 3.0.1.2 1993/12/15 08:18:58 ram  
?RCS: patch15: new variables cprun and cpplast, guaranteed wrapper-free  
?RCS: patch15: cppstdin now tries to use cc, even at the cost of a wrapper  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/25 14:00:53 ram  
?RCS: patch6: remove wrapper when not actually used  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:38 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:cppstdin cppminus cprun cpplast: contains test \  
Myread Oldconfig Loc cpp +cc rm hint osname gccversion  
?MAKE: -pick add \$@ %<  
?S:cppstdin:  
?S: This variable contains the command which will invoke the C  
?S: preprocessor on standard input and put the output to stdout.  
?S: It is primarily used by other Configure units that ask about  
?S: preprocessor symbols.  
?S:.  
?S:cppminus:  
?S: This variable contains the second part of the string which will invoke  
?S: the C preprocessor on the standard input and produce to standard  
?S: output. This variable will have the value "-" if cppstdin needs  
?S: a minus to specify standard input, otherwise the value is "".  
?S:.  
?S:cprun:  
?S: This variable contains the command which will invoke a C preprocessor  
?S: on standard input and put the output to stdout. It is guaranteed not  
?S: to be a wrapper and may be a null string if no preprocessor can be  
?S: made directly available. This preprocessor might be different from the  
?S: one used by the C compiler. Don't forget to append cpplast after the  
?S: preprocessor options.  
?S:.  
?S:cpplast:  
?S: This variable has the same functionality as cppminus, only it applies  
?S: to cprun and not cppstdin.  
?S:.  
?C:CPPSTDIN:  
?C: This symbol contains the first part of the string which will invoke  
?C: the C preprocessor on the standard input and produce to standard



?C: output. Typical value of "cc -E" or "/lib/cpp", but it can also

?C: call a wrapper. See CPPRUN.

?C:.

?C:CPPMINUS:

?C: This symbol contains the second part of the string which will invoke

?C: the C preprocessor on the standard input and produce to standard

?C: output. This symbol will have the value "-" if CPPSTDIN needs a minus

?C: to specify standard input, otherwise the value is "".

?C:.

?C:CPPRUN:

?C: This symbol contains the string which will invoke a C preprocessor on

?C: the standard input and produce to standard output. It needs to end

?C: with CPPLAST, after all other preprocessor flags have been specified.

?C: The main difference with CPPSTDIN is that this program will never be a

?C: pointer to a shell wrapper, i.e. it will be empty if no preprocessor is

?C: available directly to the user. Note that it may well be different from

?C: the preprocessor used to compile the C program.

?C:.

?C:CPPLAST:

?C: This symbol is intended to be used along with CPPRUN in the same manner

?C: symbol CPPMINUS is used with CPPSTDIN. It contains either "-" or "".

?C:.

```
?H:#define CPPSTDIN "$cppstdin"
?H:#define CPPMINUS "$cppminus"
?H:#define CPPRUN "$cpprun"
?H:#define CPPLAST "$cpplast"
?H:.
```

```
?F:cppstdin !testcpp.out !testcpp.c
?T:wrapper x_cpp x_minus ok
?LINT:extern cppflags
: see how we invoke the C preprocessor
echo " "
echo "Now, how can we feed standard input to your C preprocessor..." >&4
cat <<'EOT' >testcpp.c
#define ABC abc
#define XYZ xyz
ABC.XYZ
EOT
cd ..
if test ! -f cppstdin; then
if test "X$osname" = "Xaix" -a "X$gccversion" = X; then
# AIX cc -E doesn't show the absolute headerfile
# locations but we'll cheat by using the -M flag.
echo 'cat >.$$.c; rm -f .$$.u; ""$cc"" ${1+"$@"} -M -c .$$.c 2>/dev/null; test -s .$$.u && awk ""$2 ~ /\.h$/ { print
"# 0 \\"$2\\"" } ""$$.u; rm -f .$$.o .$$.u; ""$cc"" -E ${1+"$@"} .$$.c; rm .$$.c' > cppstdin
else
echo 'cat >.$$.c; ""$cc $cppflags"" -E ${1+"$@"} .$$.c; rm .$$.c' >cppstdin
fi
```

```

else
  echo "Keeping your $hint cppstd in wrapper."
fi
chmod 755 cppstd in
wrapper=`pwd`/cppstd in
ok='false'
cd UU

?X:
?X: We'll run the cpp tests again if we don't have any valid C preprocessor
?X: yet or don't know how to proceed without a wrapper (in which case cpprun
?X: is empty and that's really annoying...)
?X:
if $test "X$cppstd in" != "X" && \
  $cppstd in $cppminus <testcpp.c >testcpp.out 2>&1 && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
then
  echo "You used to use $cppstd in $cppminus so we'll use that again."
  case "$cpprun" in
  *) echo "But let's see if we can live without a wrapper..." ;;
  *)
    if $cpprun $cppplast <testcpp.c >testcpp.out 2>&1 && \
      $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
    then
      echo "(And we'll use $cpprun $cppplast to preprocess directly.)"
      ok='true'
    else
      echo "(However, $cpprun $cppplast does not work, let's see...)"
    fi
    ;;
  esac
else
  case "$cppstd in" in
  *) ;;
  *)
    echo "Good old $cppstd in $cppminus does not seem to be of any help..."
    ;;
  esac
fi

if $ok; then
  : nothing
elif echo 'Maybe ""$cc" -E" will work...'; \
  $cc -E <testcpp.c >testcpp.out 2>&1; \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
  echo "Yup, it does."
  x_cpp="$cc $cppflags -E"
  x_minus="";

```

```

elif echo 'Nope...maybe ""$cc" -E -" will work...'; \
$cc -E - <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "Yup, it does."
x_cpp="$cc $cppflags -E"
x_minus='-';
elif echo 'Nope...maybe ""$cc" -P" will work...'; \
$cc -P <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "Yipee, that works!"
x_cpp="$cc $cppflags -P"
x_minus="";
elif echo 'Nope...maybe ""$cc" -P -" will work...'; \
$cc -P - <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "At long last!"
x_cpp="$cc $cppflags -P"
x_minus='-';
elif echo 'No such luck, maybe "$cpp" will work...'; \
$cpp <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "It works!"
x_cpp="$cpp $cppflags"
x_minus="";
elif echo 'Nixed again...maybe "$cpp" -" will work...'; \
$cpp - <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "Hooray, it works! I was beginning to wonder."
x_cpp="$cpp $cppflags"
x_minus='-';
elif echo 'Uh-uh. Time to get fancy. Trying a wrapper...'; \
$wrapper <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
x_cpp="$wrapper"
x_minus=""
echo "Eureka!"
else
dflt=""
rp="No dice. I can't find a C preprocessor. Name one:"
. ./myread
x_cpp="$ans"
x_minus=""
$x_cpp <testcpp.c >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "OK, that will do." >&4
else
echo "Sorry, I can't get that to work. Go find one and rerun Configure." >&4
exit 1

```

fi

fi

case "\$ok" in

false)

cppstdin="\$x\_cpp"

cppminus="\$x\_minus"

cpprun="\$x\_cpp"

cpplast="\$x\_minus"

?X:

?X: If /lib/cpp is used, try using a wrapper to increase our chances to have

?X: the C compiler and our \$cppstdin agree on the same symbols... However,

?X: since cpprun is guaranteed not to be a wrapper, we must clear it if the

?X: only preprocessor we found was a wrapper, with all our luck...

?X:

set X \$x\_cpp

shift

case "\$1" in

"\$cpp")

echo "Perhaps can we force \$cc -E using a wrapper..."

if \$wrapper <testcpp.c >testcpp.out 2>&1; \

\$contains 'abc.\*xyz' testcpp.out >/dev/null 2>&1

then

echo "Yup, we can."

cppstdin="\$wrapper"

cppminus="";

else

echo "Nope, we'll have to live without it..."

fi

::

esac

case "\$cpprun" in

"\$wrapper")

cpprun="

cpplast="

::

esac

::

esac

case "\$cppstdin" in

"\$wrapper"|"cppstdin") ;;

\*) \$rm -f \$wrapper;;

esac

\$rm -f testcpp.c testcpp.out

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/modified/cppstdin.U

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?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Unix.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:20:06 ram

?RCS: patch61: created

?RCS:

?X:

?X: The purpose of this unit is to define things that are common across all

?X: known UNIX platforms. If Configure is ported/used on a non-UNIX

?X: environment, then some of the following variables can be redefined in hint

?X: files.

?X:

?MAKE:Unix \_a \_o firstmakefile archobjs: Oldconfig

?MAKE: -pick add \$@ %<

?S:\_a (lib\_ext):

?S: This variable defines the extension used for ordinary libraries.

?S: For unix, it is '.a'. The '.' is included. Other possible

?S: values include '.lib'.

?S:.

?S:\_o (obj\_ext):

?S: This variable defines the extension used for object files.

?S: For unix, it is '.o'. The '.' is included. Other possible

?S: values include '.obj'.

?S:.

?S:firstmakefile:

?S: This variable defines the first file searched by make. On unix,

?S: it is makefile (then Makefile). On case-insensitive systems,

?S: it might be something else. This is only used to deal with

?S: convoluted make depend tricks.

?S:.

?S:archobjs:

?S: This variable defines any additional objects that must be linked

?S: in with the program on this architecture. On unix, it is usually

?S: empty. It is typically used to include emulations of unix calls

?S: or other facilities. For perl on OS/2, for example, this would

?S: include os2/os2.obj.

```
?S:
?INIT:: Extra object files, if any, needed on this platform.
?INIT:archobjs=""
: Define several unixisms.
: Hints files or command line option can be used to override them.
case "$_a" in
") _a='.a';;
esac
case "$_o" in
") _o='.o';;
esac
```

```
@if firstmakefile
: Which makefile gets called first. This is used by make depend.
case "$firstmakefile" in
") firstmakefile='makefile';;
esac
```

```
@end
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Unix.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorhtml1dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999, Andy Dougherty
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
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```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: vendorhtml1dir.U,v $
```

```
?RCS: Revision 1.1 1999/07/08 18:32:57 doughera
```

```
?RCS: Initial revision
```

```
?RCS:
```

```
?MAKE:vendorhtml1dir vendorhtml1direxp installvendorhtml1dir: html1dir Getfile \
```

```
Setprefixvar Oldconfig Prefixit test vendorprefix prefix sed
```

```
?MAKE: -pick add $@ %<
```

```
?Y:TOP
```

```
?S:vendorhtml1dir:
```

```
?S: This variable contains the name of the directory for html
```

```
?S: pages. It may have a ~ on the front.
```

```
?S: The standard distribution will put nothing in this directory.
```

```
?S: Vendors who distribute perl may wish to place their own
```

?S: html pages in this directory with  
 ?S: MakeMaker Makefile.PL INSTALLDIRS=vendor  
 ?S: or equivalent. See INSTALL for details.  
 ?S:.  
 ?S:vendorhtml1direxp:  
 ?S: This variable is the ~name expanded version of vendorhtml1dir, so that you  
 ?S: may use it directly in Makefiles or shell scripts.  
 ?S:.  
 ?D:installvendorhtml1dir="  
 ?S:installvendorhtml1dir:  
 ?S: This variable is really the same as vendorhtml1direxp but may differ on  
 ?S: those systems using AFS. For extra portability, only this variable  
 ?S: should be used in makefiles.  
 ?S:.  
 ?LINT:change prefixvar  
 ?LINT:set installvendorhtml1dir  
 : Set the vendorhtml1dir variables  
 case "\$vendorprefix" in  
 ") vendorhtml1dir="  
 vendorhtml1direxp="  
 ;;  
 \*) : determine where vendor-supplied html pages go.  
 : There is no standard location, so try to copy the previously-selected  
 : directory structure for the core html pages.  
 : XXX Better default suggestions would be welcome.  
 case "\$vendorhtml1dir" in  
 ") dflt=`echo "\$html1dir" | \$sed "s#^\$prefix#\$vendorprefix#"` ;;  
 \*) dflt=\$vendorhtml1dir ;;  
 esac  
 case "\$dflt" in  
 "|") dflt=none ;;  
 esac  
 fn=dn+~  
 rp='Pathname for the vendor-supplied html pages?'  
 ./getfile  
 vendorhtml1dir="\$ans"  
 vendorhtml1direxp="\$ansexp"  
 ;;  
 esac  
 : Use ' ' for none so value is preserved next time through Configure  
 \$test X"\$vendorhtml1dir" = "X" && vendorhtml1dir=' '  
 prefixvar=vendorhtml1dir  
 ./installprefix

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorhtml1dir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_sresgproto: Hasproto i\_unistd

?MAKE: -pick add \$@ %<

?S:d\_sresgproto:

?S: This variable conditionally defines the HAS\_SETRESGID\_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the setresgid() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS\_SETRESGID\_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the setresgid() function. Otherwise, it is up

?C: to the program to supply one. Good guesses are

?C: extern int setresgid(uid\_t ruid, uid\_t euid, uid\_t suid);

?C:.

?H:#\$d\_sresgproto HAS\_SETRESGID\_PROTO /\*\*/

?H:.

?LINT:set d\_sresgproto

: see if prototype for setresgid is available

echo " "

set d\_sresgproto setresgid \$i\_unistd unistd.h

eval \$hasproto

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_sresgproto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: cf\_name.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.



```

?RCS:
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: cf_name.U,v $
?RCS: Revision 3.0.1.2 1994/05/06 14:29:36 ram
?RCS: patch23: fixed user name computation from /etc/passwd in bsd systems
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:05:11 ram
?RCS: patch16: created
?RCS:
?RCS:
?MAKE:+cf_name: cf_by passcat Filexp nametype cat test
?MAKE: -pick add $@ %<
?S:cf_name:
?S: Full name of the person who ran the Configure script and answered the
?S: questions. This can be used by units that require the user's full name.
?S: This variable is for internal use only.
?S:.
?T:xxx fn NAME
: figure out their full name
case "$NAME" in
") case "$nametype" in
other)
fn=`./filexp ~/.fullname`
xxx=usg
$test -f $fn && xxx=other
;;
*)
xxx="$nametype"
;;
esac

case "$xxx" in
bsd)
cf_name=`$passcat | grep "^$cf_by:" | \
sed -e 's/^[^:]*:[^:]*:[^:]*:[^:]*:([^\:]*):.*\1/' \
-e 's/,.*//'^
;;
usg)
cf_name=`$passcat | grep "^$cf_by:" | \
sed -e 's/^[^:]*:[^:]*:[^:]*:[^:]*:([^\:]*):.*\1/' \
-e 's/[^-]*-\.(\.)*\1/'^
;;
*)
cf_name=`$cat $fn`
;;
esac
;;

```

```
*)
cf_name="$NAME"
;;
esac
?X:
?X: In the original unit, Graham asked for the user name, in case the above
?X: code was unable to figure it out correctly. Since now cf_name has been
?X: made an internal variable only (i.e. it is not saved in config.sh), letting
?X: the user override the computed default each time would be a pain.
?X: Therefore, I have decided to trust the above code to get it right, and for
?X: those rare cases where it will fail, too bad :-)--RAM.
?X:
echo " "
echo "Pleased to meet you, $cf_name."
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cf_name.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2009 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_inetpton: Inlibc
?MAKE: -pick add $@ %<
?S:d_inetpton:
?S: This variable conditionally defines the HAS_INETPTON symbol,
?S: which indicates to the C program that the inet_pton() function
?S: is available.
?S:.
?C:HAS_INETPTON:
?C: This symbol, if defined, indicates that the inet_pton() function
?C: is available to parse IPv4 and IPv6 strings.
?C:.
?H:#$d_inetpton HAS_INETPTON /**/
?H:.
?LINT:set d_inetpton
: see if inet_pton exists
set inet_pton d_inetpton
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_inetpton.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_inetd.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_inetd.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:23 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_inetd: cat test package Myread Setvar
?MAKE: -pick add $@ %<
?S:d_inetd:
?S: This symbol conditionally defines USE_INETD which indicates to the C
?S: program that the initial socket connection will be done via inetd.
?S:.
?C:USE_INETD (INETD):
?C: This symbol if defined indicates to the C program that inetd will be
?C: in charge of the initial socket connection. The file descriptors 0 and
?C: 1 have been dup()ed from the original connected socket descriptor and
?C: are ready for send() and recv().
?C:.
?H:#$d_inetd USE_INETD /**/
?H:.
?LINT:set d_inetd
: ask whether initial socket connection is to be done via inetd
echo " "
dflt=n
case "$d_inetd" in
") if $test -f /etc/inetd.conf; then
$cat <<EOM
Your system provides a so called "Internet super-server", the inetd daemon.
Network services like ftp or rlogin are usually handled via ftpd and rlogind
daemons. Without inetd, these daemons must always be running for the service
to be on. On the contrary, inetd listens to specific ports defined in file
/etc/inetd.conf and will run the appropriate daemon upon request. This scheme
avoids eating up the process table and memory with useless daemons.

I can set up things so that internet connections for $package will be done
using inetd, in which case you will have to edit /etc/inetd.conf to add some
specific informations.
```

```
EOM
dflt=y
else
$cat <<EOM
```

I do not see any trace of a configuration file for inetd, hence I assume your system does not support the so called "Internet super-server". This means \$package will need to have a daemon process running on this machine to allow network connections.

```
EOM
fi;;
*) case "$d_inetd" in
"$define") dflt=y;;
esac;;
esac
rp='Do you wish to use inetd for network connections?'
./myread
val="$undef"
case "$ans" in
y*|Y*) val="$define";;
esac
set d_inetd
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_inetd.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: myhostname.U,v 3.0.1.3 1997/02/28 16:15:55 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: myhostname.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 16:15:55 ram
?RCS: patch61: improved hostname lookup by using ypmatch when NIS is used
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:25:43 ram
?RCS: patch36: call ./xenix explicitly instead of relying on PATH
?RCS: patch36: now uses new Tr unit to convert to/from lowercase
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 07:06:20 ram
```

```

?RCS: patch30: now a little more clever for domain name guessing
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:18 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:myhostname phostname mydomain: contains sed test Myread Oldconfig \
  Guess Loc awk echo sort uniq +usrinc rm hostcat Tr
?MAKE: -pick add $@ %<
?S:myhostname (hostname):
?S: This variable contains the eventual value of the MYHOSTNAME symbol,
?S: which is the name of the host the program is going to run on.
?S: The domain is not kept with hostname, but must be gotten from mydomain.
?S: The dot comes with mydomain, and need not be supplied by the program.
?S:.
?S:mydomain:
?S: This variable contains the eventual value of the MYDOMAIN symbol,
?S: which is the domain of the host the program is going to run on.
?S: The domain must be appended to myhostname to form a complete host name.
?S: The dot comes with mydomain, and need not be supplied by the program.
?S:.
?S:phostname:
?S: This variable contains the eventual value of the PHOSTNAME symbol,
?S: which is a command that can be fed to popen() to get the host name.
?S: The program should probably not presume that the domain is or isn't
?S: there already.
?S:.
?C:MYHOSTNAME (HOSTNAME):
?C: This symbol contains name of the host the program is going to run on.
?C: The domain is not kept with hostname, but must be gotten from MYDOMAIN.
?C: The dot comes with MYDOMAIN, and need not be supplied by the program.
?C: If gethostname() or uname() exist, MYHOSTNAME may be ignored. If MYDOMAIN
?C: is not used, MYHOSTNAME will hold the name derived from PHOSTNAME.
?C:.
?C:MYDOMAIN:
?C: This symbol contains the domain of the host the program is going to
?C: run on. The domain must be appended to HOSTNAME to form a complete
?C: host name. The dot comes with MYDOMAIN, and need not be supplied by
?C: the program. If the host name is derived from PHOSTNAME, the domain
?C: may or may not already be there, and the program should check.
?C:.
?H:#define MYHOSTNAME "$myhostname" /**/
?H:#define MYDOMAIN "$mydomain" /**/
?H:.
?LINT:extern osname
?T:cont i tans tmp_re
: now get the host name
echo " "
echo "Figuring out host name..." >&4

```

```

case "$myhostname" in
") cont=true
echo 'Maybe "hostname" will work...'
if tans=`sh -c hostname 2>&1` ; then
myhostname=$tans
phostname=hostname
cont="
fi
;;
*) cont="";;
esac
if $test "$cont"; then
if ./xenix; then
echo 'Oh, dear. Maybe "/etc/systemid" is the key...'
if tans=`cat /etc/systemid 2>&1` ; then
myhostname=$tans
phostname='cat /etc/systemid'
echo "Whadyaknow. Xenix always was a bit strange..."
cont="
fi
elif $test -r /etc/systemid; then
echo "(What is a non-Xenix system doing with /etc/systemid?)"
fi
fi
if $test "$cont"; then
echo 'No, maybe "uname -l" will work...'
if tans=`sh -c 'uname -l' 2>&1` ; then
myhostname=$tans
phostname='uname -l'
else
echo 'Strange. Maybe "uname -n" will work...'
if tans=`sh -c 'uname -n' 2>&1` ; then
myhostname=$tans
phostname='uname -n'
else
echo 'Oh well, maybe I can mine it out of whoami.h...'
if tans=`sh -c $contains' sysname $usrinc/whoami.h' 2>&1` ; then
myhostname=`echo "$tans" | $sed 's/^\.*(.)"/^1/^`
phostname="sed -n -e ""'/sysname/s/^\.*(.)"/^1/{"" -e p -e q -e }' <$usrinc/whoami.h"
else
case "$myhostname" in
") echo "Does this machine have an identity crisis or something?"
phostname="";;
*)
echo "Well, you said $myhostname before..."
phostname='echo $myhostname';;
esac
fi

```

```

fi
fi
fi
case "$myhostname" in
") myhostname=noname ;;
esac
: you do not want to know about this
set $myhostname
myhostname=$1

: verify guess
if $test "$myhostname" ; then
dflt=y
rp='Your host name appears to be "$myhostname"." Right?'
. ./myread
case "$ans" in
y*) ;;
*) myhostname="";;
esac
fi

: bad guess or no guess
while $test "X$myhostname" = X ; do
dflt="
rp="Please type the (one word) name of your host:"
. ./myread
myhostname="$ans"
done

: translate upper to lower if necessary
case "$myhostname" in
*[A-Z]*)
echo "(Normalizing case in your host name)"
myhostname=`echo $myhostname | ./tr '[A-Z]' '[a-z]'`
;;
esac

?X: Do not ask for domain name if this is not used later on. In that
?X: case, the hostname may keep its domain name, but it doesn't matter.
@if MYDOMAIN || mydomain
case "$myhostname" in
*,*)
dflt=`expr "X$myhostname" : "X[^.]*\(\.\.*\)"`
myhostname=`expr "X$myhostname" : "X\([^.*]\)\."`
echo "(Trimming domain name from host name--host name is now $myhostname)"
;;
*) case "$mydomain" in
")

```

?X:

?X: There is currently no way to say we do not want hostcat if mydomain is not

?X: used. One way to achieve that would be to put that code in a mydomain.U

?X: unit. However, we want to stick the sanity checks right after the domain

?X: name computation, or if none is done, right after the hostname computation.

?X:

```
{
```

?X: If we use NIS, try ypmatch.

```
test "X$hostcat" = "Xypcat hosts" &&
ypmatch "$myhostname" hosts 2>/dev/null \
  $sed -e 's/[ ]*#.*//; s/$/ /' > hosts && \
$stest -s hosts
} || {
```

?X: Extract only the relevant hosts, reducing file size,

?X: remove comments, insert trailing space for later use.

?X: Test to be sure we *have* a hostcat command. os390 doesn't.

```
test "X$hostcat" != "X" &&
$hostcat | $sed -n -e "s/[ ]*#.*//; s^\$/ /
/[ ]$myhostname[ . ]/p" > hosts
}
tmp_re="[ .]"
if $stest -f hosts; then
$stest x`$awk "/[0-9].*[ ]$myhostname$tmp_re/ { sum++ }
  END { print sum }" hosts` = x1 || tmp_re="[ ]"
dflt=`$awk "/[0-9].*[ ]$myhostname$tmp_re/ {for(i=2; i<=NF;i++) print '\\$i}'" \
hosts | $sort | $uniq | \
$sed -n -e "s/$myhostname\\.([^-zA-Z0-9_\\.])^/1/p"
case ` $echo X$dflt` in
X*\ *) echo "(Several hosts in the database matched hostname)"
dflt=
;;
X.) echo "(You do not have fully-qualified names in the hosts database)"
;;
esac
else
echo "(I cannot locate a hosts database anywhere)"
dflt=
fi
case "$dflt" in
.)
tans=`./loc resolv.conf X /etc /usr/etc`
if $stest -f "$tans"; then
echo "(Attempting domain name extraction from $tans)"
?X: Look for either a search or a domain directive.
dflt=`$sed -n -e 's// /g' \
-e 's/^search *([^\ ]*).*/1/p' $tans \
-e 1q 2>/dev/null`
case "$dflt" in
```



```

.) dflt=`$sed -n -e 's//g'\
-e 's/^domain *([ ]*).*/1/p' $tans \
-e 1q 2>/dev/null`
;;
esac
fi
;;
esac
case "$dflt" in
.) echo "(No help from resolv.conf either -- attempting clever guess)"
dflt=`sh -c domainname 2>/dev/null`
case "$dflt" in
") dflt='.';;
.nis.*|.yp.*|.main.*) dflt=`echo $dflt | $sed -e 's/^[^.]*/'`;;
esac
;;
esac
case "$dflt$osname" in
.os390) echo "(Attempting domain name extraction from //SYS1.TCPPARMS(TCPDATA))"
dflt=`awk '/^DOMAINORIGIN/ {print $2}' '//SYS1.TCPPARMS(TCPDATA)' 2>/dev/null`
;;
esac
case "$dflt" in
.) echo "(Lost all hope -- silly guess then)"
dflt='.nonet'
;;
esac
$rm -f hosts
;;
*) dflt="$mydomain";;
esac;;
esac
echo " "
rp="What is your domain name?"
./myread
tans="$ans"
case "$ans" in
") ;;
.*) ;;
*) tans=".${tans}";;
esac
mydomain="$tans"

: translate upper to lower if necessary
case "$mydomain" in
*[A-Z]*)
echo "(Normalizing case in your domain name)"
mydomain=`echo $mydomain | ./tr '[A-Z]' '[a-z]'`

```

```

;;
esac

@end
: a little sanity check here
case "$phostname" in
") ;;
*)
case ` $phostname | ./tr '[A-Z]' '[a-z]^` in
$myhostname$mydomain|$myhostname) ;;
*)
case "$phostname" in
sed*)
echo "(That doesn't agree with your whoami.h file, by the way.)"
;;
*)
echo "(That doesn't agree with your $phostname command, by the way.)"
;;
esac
;;
esac
;;
esac
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/myhostname.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_sigsetmk.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_sigsetmk.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:23 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_sigsetmk: Csym Setvar

?MAKE: -pick add \$@ %<

?S:d\_sigsetmk:

?S: This variable conditionally defines the HAS\_SIGSETMASK symbol, which

?S: indicates to the C program that the sigsetmask() routine is available

?S: to set current signal mask.

?S:.

?C:HAS\_SIGSETMASK (SIGSETMASK):

?C: This symbol, if defined, indicates that the sigsetmask() routine is

?C: available to set current signal mask. Otherwise, you should probably

?C: emulate this by using signal(), but fear race conditions...

?C:.

?H:#\$d\_sigsetmk HAS\_SIGSETMASK /\*\*/

?H:.

?LINT:set d\_sigsetmk

: see if sigsetmask exists

echo " "

if set sigsetmask val -f d\_sigsetmk; eval \$csym; \$val; then

echo 'sigsetmask() found.' >&4

val="\$define"

else

echo "sigsetmask() not found -- We'll use signal()." >&4

val="\$undef"

fi

set d\_sigsetmk

eval \$setvar

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_sigsetmk.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_round: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_round:

?S: This variable conditionally defines the HAS\_ROUND symbol, which

?S: indicates to the C program that the round() routine is available.

?S:.

?C:HAS\_ROUND:

?C: This symbol, if defined, indicates that the round routine is

?C: available to round to nearest integer, away from zero.

?C:.

?H:#\$d\_round HAS\_ROUND /\*\*/

?H:.

?LINT:set d\_round

: see if round exists

set round d\_round

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_round.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_strftime.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:36 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_strftime: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strftime:

?S: This variable conditionally defines HAS\_STRFTIME if strftime() is

?S: available to format locale-specific times.

?S:.

?C:HAS\_STRFTIME:

?C: This symbol, if defined, indicates that the strftime routine is

?C: available to format locale-specific times.

?C:.

?H:#\$d\_strftime HAS\_STRFTIME /\*\*/

?H:.

?LINT:set d\_strftime

: see if strftime exists

set strftime d\_strftime

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_strftime.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

?RCS:

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?RCS: of the source tree for dist 3.0.  
?RCS:  
?MAKE:d\_dbminiproto: Hasproto i\_dbm  
?MAKE: -pick add \$@ %<  
?S:d\_dbminiproto:  
?S: This variable conditionally defines the HAS\_DBMINIT\_PROTO symbol,  
?S: which indicates to the C program that the system provides  
?S: a prototype for the dbminiproto() function. Otherwise, it is  
?S: up to the program to supply one.  
?S:.  
?C:HAS\_DBMINIT\_PROTO:  
?C: This symbol, if defined, indicates that the system provides  
?C: a prototype for the dbminiproto() function. Otherwise, it is up  
?C: to the program to supply one. A good guess is  
?C: extern int dbminiproto(char \*);  
?C:.  
?H:#\$d\_dbminiproto HAS\_DBMINIT\_PROTO /\*\*/  
?H:.  
?LINT:set d\_dbminiproto  
: see if prototype for dbminiproto is available  
echo " "  
set d\_dbminiproto dbminiproto \$i\_dbm dbm.h  
eval \$hasproto

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5.30.0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_dbminiproto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getgrps.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_getgrps.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:08 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_getgrps: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_getgrps:  
?S: This variable conditionally defines the HAS\_GETGROUPS symbol, which  
?S: indicates to the C program that the getgroups() routine is available

?S: to get the list of process groups.

?S:.

?C:HAS\_GETGROUPS (GETGROUPS):

?C: This symbol, if defined, indicates that the getgroups() routine is

?C: available to get the list of process groups. If unavailable, multiple

?C: groups are probably not supported.

?C:.

?H:#\$d\_getgrps HAS\_GETGROUPS /\*\*/

?H:.

?LINT:set d\_getgrps

: see if getgroups exists

set getgroups d\_getgrps

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_getgrps.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_fp\_class.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_fp\_class: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_fp\_class:

?S: This variable conditionally defines the I\_FP\_CLASS symbol, and indicates

?S: whether a C program should include <fp\_class.h>.

?S:.

?C:I\_FP\_CLASS:

?C: This symbol, if defined, indicates that <fp\_class.h> exists and

?C: should be included.

?C:.

?H:#\$i\_fp\_class I\_FP\_CLASS /\*\*/

?H:.

?LINT:set i\_fp\_class

: see if this is a fp\_class.h system

set fp\_class.h i\_fp\_class

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_fp\_class.U

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?RCS:  
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?RCS:  
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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_gethent.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:09 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_gethent: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_gethent:  
?S: This variable conditionally defines HAS\_GETHOSTENT if gethostent() is  
?S: available to dup file descriptors.  
?S:.  
?C:HAS\_GETHOSTENT (GETHOSTENT):  
?C: This symbol, if defined, indicates that the gethostent routine is  
?C: available to lookup host names in some data base or other.  
?C:.  
?H:#\$d\_gethent HAS\_GETHOSTENT /\*\*/  
?H:.  
?LINT:set d\_gethent  
: see if gethostent exists  
set gethostent d\_gethent  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_gethent.U

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?RCS:  
?RCS: Copyright (c) 2000 Jarkko Hietaniemi  
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?RCS:  
?MAKE:d\_isinfl: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_isinfl:  
?S: This variable conditionally defines the HAS\_ISINFL symbol, which  
?S: indicates to the C program that the isinfl() routine is available.

?S:  
?C:HAS\_ISINFL:  
?C: This symbol, if defined, indicates that the isinfl routine is  
?C: available to check whether a long double is an infinity.

?C:  
?H:#\$d\_isinfl HAS\_ISINFL /\*\*/

?H:  
?LINT:set d\_isinfl  
: see if isinfl exists  
set isinfl d\_isinfl  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_isinfl.U

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?RCS: License or the Artistic License, as specified in the README file.  
?RCS:

?MAKE:d\_msghdr\_s: Hasstruct i\_systypes d\_socket i\_sysuio Setvar  
?MAKE: -pick add \$@ %<

?S:d\_msghdr\_s:  
?S: This variable conditionally defines the HAS\_STRUCT\_MSGHDR symbol,  
?S: which indicates that the struct msghdr is supported.

?S:  
?C:HAS\_STRUCT\_MSGHDR:  
?C: This symbol, if defined, indicates that the struct msghdr  
?C: is supported.

?C:  
?H:#\$d\_msghdr\_s HAS\_STRUCT\_MSGHDR /\*\*/

?H:  
?LINT:set d\_msghdr\_s  
: Check for msghdr\_s  
echo " "  
echo "Checking to see if your system supports struct msghdr.." >&4  
set d\_msghdr\_s msghdr \$i\_systypes sys/types.h \$d\_socket sys/socket.h \$i\_sysuio sys/uio.h  
eval \$hasstruct  
case "\$d\_msghdr\_s" in  
"\$define") echo "Yes, it does." ;;  
\*) echo "No, it doesn't." ;;  
esac

Found in path(s):



```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_msghdr_s.U
```

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```
?RCS: $Id: d_raster.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_raster.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:50 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_raster rasterlib: cat test Setvar Myread Oldconfig
?MAKE: -pick add $@ %<
?S:d_raster:
?S: Conditionally defines RASTER_TEK if this is a raster tech machine.
?S:.
?S:rasterlib (d_rasterlib):
?S: Set to the needed compile flag if this is a raster tech machine.
?S: It is up to the Makefile to use this variable.
?S:.
?C:RASTER_TEK:
?C: Defined if this is a rastertech machine.
?C:.
?H:#$d_raster RASTER_TEK /**/
?H:.
?LINT:set d_raster
: See if this is a raster tech machine.
val="$undef"
rasterlib=""
if $test -r /dev/mirage; then
$cat <<'EOM'
```

You seem to have a mirage device... this is normally associated with a raster technologies graphics workstation. If this is right, you may want to use raster tech in this program.

```
EOM
dflt=y
case "$d_raster" in
"$undef") dflt=n;;
esac
```

```

rp='Use raster tech?'
. ./myread
case "$ans" in
y*) val="$define";;
esac
fi
set d_raster
eval $setvar

case "$d_raster" in
"$define") rasterlib='-lphigs';;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_raster.U
```

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```

?RCS: $Id: d_difftime.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_difftime.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:07:31 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_difftime: Inlibc
?MAKE: -pick add $@ %<
?S:d_difftime:
?S: This variable conditionally defines the HAS_DIFFTIME symbol, which
?S: indicates to the C program that the difftime() routine is available.
?S:.
?C:HAS_DIFFTIME :
?C: This symbol, if defined, indicates that the difftime routine is
?C: available.
?C:.
?H:#$d_difftime HAS_DIFFTIME /**/
?H:.
?LINT:set d_difftime
: see if difftime exists

```

```
set difftime d_difftime
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_difftime.U
```

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?RCS:

?MAKE:d\_log2: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_log2:

?S: This variable conditionally defines the HAS\_LOG2 symbol, which

?S: indicates to the C program that the log2() routine is available

?S: to compute log base two.

?S:.

?C:HAS\_LOG2:

?C: This symbol, if defined, indicates that the log2 routine is

?C: available to do the log2 function.

?C:.

```
?H:#$d_log2 HAS_LOG2 /**/
```

?H:.

?LINT:set d\_log2

: see if log2 exists

```
set log2 d_log2
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_log2.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_strlcat: Inlibc Hasproto d\_gnulibc

?MAKE: -pick add \$@ %<

?S:d\_strlcat:

?S: This variable conditionally defines the HAS\_STRLCAT symbol, which

?S: indicates to the C program that the strlcat () routine is available.

?S:.

?C:HAS\_STRLCAT:

```

?C: This symbol, if defined, indicates that the strlcat () routine is
?C: available to do string concatenation.
?C:.
?H:#$d_strlcat HAS_STRLCAT /**/
?H:.
?T:d_strlcat_proto xx1 xx2 xx3 xx4
?LINT:set d_strlcat
: see if strlcat exists
: We need both a prototype in string.h and the symbol in libc.
echo " "
d_strlcat_proto="
xx1="#$d_gnulibc HAS_GNULIBC"
xx2='#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)'
xx3='# define _GNU_SOURCE'
xx4='#endif'
set d_strlcat_proto strlcat literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto
case "$d_strlcat_proto" in
    define) # see if strlcat exists
        set strlcat d_strlcat
        eval $inlibc
        ;;
    *) val=$undef
        set d_strlcat
        eval $setvar
        ;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strlcat.U
```

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```

?RCS: $Id: d_tzname.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_tzname.U,v $
?RCS: Revision 3.0.1.2 1994/08/29 16:14:43 ram
?RCS: patch32: forgot to set proper value in the val variable
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 06:57:55 ram

```

```

?RCS: patch30: created
?RCS:
?MAKE:d_tzname: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_tzname:
?S: This variable conditionally defines HAS_TZNAME if tzname[] is
?S: available to access timezone names.
?S:.
?C:HAS_TZNAME:
?C: This symbol, if defined, indicates that the tzname[] array is
?C: available to access timezone names.
?C:.
?H:#$d_tzname HAS_TZNAME /**/
?H:.
?LINT:set d_tzname
: see if tzname[] exists
echo " "
if set tzname val -a d_tzname; eval $csym; $val; then
val="$define"
echo 'tzname[] found.' >&4
else
val="$undef"
echo 'tzname[] NOT found.' >&4
fi
set d_tzname
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_tzname.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_safemcpy.U,v 3.0.1.5 1997/02/28 15:41:12 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_safemcpy.U,v $
?RCS: Revision 3.0.1.5 1997/02/28 15:41:12 ram
?RCS: patch61: improved overlapping copy check
?RCS: patch61: comfort them if they have memmove
?RCS: patch61: added ?F: metalint hint
?RCS:

```

```

?RCS: Revision 3.0.1.4 1995/07/25 13:58:46 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.3 1995/03/21 08:47:26 ram
?RCS: patch52: swapped two first arguments of memcpy() calls
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:15:10 ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:53:12 ram
?RCS: patch23: ensure string is not optimized in read-only memory (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:58 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_safemcpy: Compile cat d_memcpy rm_try run \
d_memmove i_memory i_stdlib i_string i_unistd Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_safemcpy:
?S: This variable conditionally defines the HAS_SAFE_MEMCPY symbol if
?S: the memcpy() routine can do overlapping copies.
?S: For overlapping copies, memmove() should be used, if available.
?S:
?C:HAS_SAFE_MEMCPY (SAFE_MEMCPY):
?C: This symbol, if defined, indicates that the memcpy routine is available
?C: to copy potentially overlapping memory blocks. If you need to
?C: copy overlapping memory blocks, you should check HAS_MEMMOVE and
?C: use memmove() instead, if available.
?C:
?H:#$d_safemcpy HAS_SAFE_MEMCPY /**/
?H:
?F:!try
?LINT: set d_safemcpy
: can memcpy handle overlapping blocks?
echo " "
?X: assume the worst
val="$undef"
case "$d_memmove" in
"$define") echo "I'll use memmove() instead of memcpy() for overlapping copies." ;;
*) case "$d_memcpy" in
"$define")
echo "Checking to see if memcpy() can do overlapping copies..." >&4
$cat >try.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP

```

```

$cat >>try.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
# include <memory.h>
#endif
#ifdef I_STDLIB
# include <stdlib.h>
#endif
#ifdef I_STRING
# include <string.h>
#else
# include <strings.h>
#endif
#ifdef I_UNISTD
# include <unistd.h> /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

/* Copy "abcde..." string to char abc[] so that gcc doesn't
   try to store the string in read-only memory. */
memcpy(abc, "abcdefghijklmnopqrstuvwxy0123456789", 36);

for (align = 7; align >= 0; align--) {
for (len = 36; len; len--) {
b = buf+align;
memcpy(b, abc, len);
for (off = 1; off <= len; off++) {
memcpy(b+off, b, len);
memcpy(b, b+off, len);
if (memcmp(b, abc, len))
exit(1);
}
}
}
exit(0);
}
EOCP
set try
if eval $compile_ok; then
if $run ./try 2>/dev/null; then
echo "Yes, it can."
val="$define"

```

```

else
  echo "It can't, sorry."
fi
else
  echo "(I can't compile the test program, so we'll assume not...)"
fi
;;
esac
$rm_try
;;
esac
set d_safemcpy
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_safemcpy.U

```

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?RCS: \$Id: perlsv.U,v 1.1 2000/08/31 17:53:56 jhi Exp jhi \$

?RCS:

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?RCS:

```

?MAKE:ivtype uvtype nvtype ivsize uvsize nvsize \
  i8type u8type i16type u16type i32type u32type i64type u64type \
  i8size u8size i16size u16size i32size u32size i64size u64size \
  d_nv_preserves_uv nv_preserves_uv_bits nv_overflows_integers_at \
  d_nv_zero_is_allbits_zero: \

```

```

echo rm_try use64bitint d_quad quadtype uquadtype usequadmath \

```

```

d_longdbl uselongdouble longdblsize doublesize i_quadmath \

```

```

shortsize intsize longsize i_stdlib libs gccversion \

```

```

cat Compile i_inttypes test signal_t run

```

```

?MAKE: -pick add $@ %<

```

?S:ivtype:

?S: This variable contains the C type used for Perl's IV.

?S:.

?S:uvtype:

?S: This variable contains the C type used for Perl's UV.

?S:.

?S:nvtype:

?S: This variable contains the C type used for Perl's NV.

?S:.

?S:i8type:

?S: This variable contains the C type used for Perl's I8.

?S:.



?S:u8type:  
?S: This variable contains the C type used for Perl's U8.  
?S:.  
?S:i16type:  
?S: This variable contains the C type used for Perl's I16.  
?S:.  
?S:u16type:  
?S: This variable contains the C type used for Perl's U16.  
?S:.  
?S:i32type:  
?S: This variable contains the C type used for Perl's I32.  
?S:.  
?S:u32type:  
?S: This variable contains the C type used for Perl's U32.  
?S:.  
?S:i64type:  
?S: This variable contains the C type used for Perl's I64.  
?S:.  
?S:u64type:  
?S: This variable contains the C type used for Perl's U64.  
?S:.  
?S:ivsize:  
?S: This variable is the size of an IV in bytes.  
?S:.  
?S:uvsize:  
?S: This variable is the size of a UV in bytes.  
?S:.  
?S:i8size:  
?S: This variable is the size of an I8 in bytes.  
?S:.  
?S:u8size:  
?S: This variable is the size of an U8 in bytes.  
?S:.  
?S:i16size:  
?S: This variable is the size of an I16 in bytes.  
?S:.  
?S:u16size:  
?S: This variable is the size of an U16 in bytes.  
?S:.  
?S:i32size:  
?S: This variable is the size of an I32 in bytes.  
?S:.  
?S:u32size:  
?S: This variable is the size of an U32 in bytes.  
?S:.  
?S:i64size:  
?S: This variable is the size of an I64 in bytes.  
?S:.

?S:u64size:

?S: This variable is the size of an U64 in bytes.

?S:.

?S:nvsize:

?S: This variable is the size of a Perl NV in bytes.

?S: Note that some floating point formats have unused bytes.

?S:.

?S:d\_nv\_preserves\_uv:

?S: This variable indicates whether a variable of type nvtype

?S: can preserve all the bits a variable of type uvtype.

?S:.

?S:nv\_preserves\_uv\_bits:

?S: This variable indicates how many of bits type uvtype

?S: a variable nvtype can preserve.

?S:.

?S:nv\_overflows\_integers\_at:

?S: This variable gives the largest integer value that NVs can hold

?S: as a constant floating point expression.

?S: If it could not be determined, it holds the value 0.

?S:.

?S:d\_nv\_zero\_is\_allbits\_zero:

?S: This variable indicates whether a variable of type nvtype

?S: stores 0.0 in memory as all bits zero.

?S:.

?C:IVTYPE:

?C: This symbol defines the C type used for Perl's IV.

?C:.

?C:UVTYPE:

?C: This symbol defines the C type used for Perl's UV.

?C:.

?C:I8TYPE:

?C: This symbol defines the C type used for Perl's I8.

?C:.

?C:U8TYPE:

?C: This symbol defines the C type used for Perl's U8.

?C:.

?C:I16TYPE:

?C: This symbol defines the C type used for Perl's I16.

?C:.

?C:U16TYPE:

?C: This symbol defines the C type used for Perl's U16.

?C:.

?C:I32TYPE:

?C: This symbol defines the C type used for Perl's I32.

?C:.

?C:U32TYPE:

?C: This symbol defines the C type used for Perl's U32.

?C:.

?C:I64TYPE:

?C: This symbol defines the C type used for Perl's I64.

?C:.

?C:U64TYPE:

?C: This symbol defines the C type used for Perl's U64.

?C:.

?C:NVTYPE:

?C: This symbol defines the C type used for Perl's NV.

?C:.

?C:IVSIZE:

?C: This symbol contains the sizeof(IV).

?C:.

?C:UVSIZE:

?C: This symbol contains the sizeof(UV).

?C:.

?C:I8SIZE:

?C: This symbol contains the sizeof(I8).

?C:.

?C:U8SIZE:

?C: This symbol contains the sizeof(U8).

?C:.

?C:I16SIZE:

?C: This symbol contains the sizeof(I16).

?C:.

?C:U16SIZE:

?C: This symbol contains the sizeof(U16).

?C:.

?C:I32SIZE:

?C: This symbol contains the sizeof(I32).

?C:.

?C:U32SIZE:

?C: This symbol contains the sizeof(U32).

?C:.

?C:I64SIZE:

?C: This symbol contains the sizeof(I64).

?C:.

?C:U64SIZE:

?C: This symbol contains the sizeof(U64).

?C:.

?C:NVSIZE:

?C: This symbol contains the sizeof(NV).

?C: Note that some floating point formats have unused bytes.

?C: The most notable example is the x86\* 80-bit extended precision

?C: which comes in byte sizes of 12 and 16 (for 32 and 64 bit

?C: platforms, respectively), but which only uses 10 bytes.

?C: Perl compiled with -Duselongdouble on x86\* is like this.

?C:.

?C:NV\_PRESERVES\_UV:

?C: This symbol, if defined, indicates that a variable of type NVTYPE  
?C: can preserve all the bits of a variable of type UVTYPE.  
?C:.  
?C:NV\_PRESERVES\_UV\_BITS:  
?C: This symbol contains the number of bits a variable of type NVTYPE  
?C: can preserve of a variable of type UVTYPE.  
?C:.  
?C:NV\_OVERFLOWES\_INTEGERS\_AT:  
?C: This symbol gives the largest integer value that NVs can hold. This  
?C: value + 1.0 cannot be stored accurately. It is expressed as constant  
?C: floating point expression to reduce the chance of decimal/binary  
?C: conversion issues. If it can not be determined, the value 0 is given.  
?C:.  
?C:NV\_ZERO\_IS\_ALLBITS\_ZERO:  
?C: This symbol, if defined, indicates that a variable of type NVTYPE  
?C: stores 0.0 in memory as all bits zero.  
?C:.  
?H:#define IVTYPE \$ivtype /\*\*/  
?H:#define UVTYPE \$uvtype /\*\*/  
?H:#define I8TYPE \$i8type /\*\*/  
?H:#define U8TYPE \$u8type /\*\*/  
?H:#define I16TYPE \$i16type /\*\*/  
?H:#define U16TYPE \$u16type /\*\*/  
?H:#define I32TYPE \$i32type /\*\*/  
?H:#define U32TYPE \$u32type /\*\*/  
?H:%<:#ifdef HAS\_QUAD  
?H:%<:#define I64TYPE \$i64type /\*\*/  
?H:%<:#define U64TYPE \$u64type /\*\*/  
?H:%<:#endif  
?H:#define NVTYPE \$nvtype /\*\*/  
?H:#define IVSIZE \$ivsize /\*\*/  
?H:#define UVSIZE \$uvsize /\*\*/  
?H:#define I8SIZE \$i8size /\*\*/  
?H:#define U8SIZE \$u8size /\*\*/  
?H:#define I16SIZE \$i16size /\*\*/  
?H:#define U16SIZE \$u16size /\*\*/  
?H:#define I32SIZE \$i32size /\*\*/  
?H:#define U32SIZE \$u32size /\*\*/  
?H:%<:#ifdef HAS\_QUAD  
?H:%<:#define I64SIZE \$i64size /\*\*/  
?H:%<:#define U64SIZE \$u64size /\*\*/  
?H:%<:#endif  
?H:#define NVSIZE \$nvsize /\*\*/  
?H:#\$d\_nv\_preserves\_uv NV\_PRESERVES\_UV  
?H:#define NV\_PRESERVES\_UV\_BITS \$nv\_preserves\_uv\_bits  
?H:#define NV\_OVERFLOWES\_INTEGERS\_AT (\$nv\_overflows\_integers\_at)  
?H:#\$d\_nv\_zero\_is\_allbits\_zero NV\_ZERO\_IS\_ALLBITS\_ZERO  
?H:%<:#if UVSIZE == 8

```

?H:?%<:#  ifdef BYTEORDER
?H:?%<:#    if BYTEORDER == 0x1234
?H:?%<:#      undef BYTEORDER
?H:?%<:#      define BYTEORDER 0x12345678
?H:?%<:#    else
?H:?%<:#      if BYTEORDER == 0x4321
?H:?%<:#        undef BYTEORDER
?H:?%<:#        define BYTEORDER 0x87654321
?H:?%<:#      endif
?H:?%<:#    endif
?H:?%<:#  endif
?H:
?T:xxx
?T:d
?F:!try
: Check basic sizes
echo " "
$echo "Choosing the C types to be used for Perl's internal types..." >&4

```

```

case "$use64bitint:$d_quad:$quadtype" in
define:define:?)
  ivtype="$quadtype"
  uvtype="$uquadtype"
  ivsize=8
  uvsize=8
  ;;
*) ivtype="long"
  uvtype="unsigned long"
  ivsize=$longsize
  uvsize=$longsize
  ;;
esac

```

```

case "$uselongdouble:$d_longdbl" in
define:define)
  nvtype="long double"
  nvsize=$longdblsize
  ;;
*) nvtype=double
  nvsize=$doublesize
  ;;
esac

```

```

case "$usequadmath:$i_quadmath" in
define:define)
  nvtype="__float128"
  nvsize=16

```

```
case "$libs" in
*quadmath*) ;;
*) $cat <<EOM >&4
```

```
*** You requested the use of the quadmath library, but you
*** do not seem to have the quadmath library installed.
*** Cannot continue, aborting.
```

```
EOM
```

```
exit 1
```

```
::
```

```
esac
```

```
::
```

```
define:*) $cat <<EOM >&4
```

```
*** You requested the use of the quadmath library, but you
*** do not seem to have the required header, <quadmath.h>.
```

```
EOM
```

```
case "$gccversion" in
```

```
[23].*|4.[0-5]*)
```

```
$cat <<EOM >&4
```

```
*** Your gcc looks a bit old:
```

```
*** $gccversion
```

```
EOM
```

```
::
```

```
")
```

```
$cat <<EOM >&4
```

```
*** You are not running a gcc.
```

```
EOM
```

```
::
```

```
esac
```

```
$cat <<EOM >&4
```

```
*** For the quadmath library you need at least gcc 4.6.
```

```
*** Cannot continue, aborting.
```

```
EOM
```

```
exit 1
```

```
::
```

```
esac
```

```
$echo "(IV will be "$ivtype", $ivsize bytes)"
```

```
$echo "(UV will be "$uvtype", $uvsize bytes)"
```

```
$echo "(NV will be "$nvtype", $nvsize bytes)"
```

```
$cat >try.c <<EOCP
```

```
#$i_inttypes I_INTTYPES
```

```
#ifdef I_INTTYPES
```

```
#include <inttypes.h>
```

```
#endif
```

```
#include <stdio.h>
```

```

int main() {
#ifdef INT8
    int8_t i = INT8_MAX;
    uint8_t u = UINT8_MAX;
    printf("int8_t\n");
#endif
#ifdef INT16
    int16_t i = INT16_MAX;
    uint16_t u = UINT16_MAX;
    printf("int16_t\n");
#endif
#ifdef INT32
    int32_t i = INT32_MAX;
    uint32_t u = UINT32_MAX;
    printf("int32_t\n");
#endif
}
EOCP

```

```

i8type="signed char"
u8type="unsigned char"
i8size=1
u8size=1

```

```

case "$i16type" in
") case "$shortsize" in
2) i16type=short
    u16type="unsigned short"
    i16size=$shortsize
    u16size=$shortsize
    ;;
esac
;;
esac
case "$i16type" in
") set try -DINT16
if eval $compile; then
    case "$run ./try`" in
int16_t)
        i16type=int16_t
        u16type=uint16_t
        i16size=2
        u16size=2
        ;;
    esac
fi
;;
esac

```

```
case "$i16type" in
") if $test $shortsize -ge 2; then
  i16type=short
  u16type="unsigned short"
  i16size=$shortsize
  u16size=$shortsize
fi
;;
esac
```

```
case "$i32type" in
") case "$longsize" in
4) i32type=long
  u32type="unsigned long"
  i32size=$longsize
  u32size=$longsize
;;
*) case "$intsize" in
4) i32type=int
  u32type="unsigned int"
  i32size=$intsize
  u32size=$intsize
;;
esac
;;
esac
;;
esac
```

```
case "$i32type" in
") set try -DINT32
if eval $compile; then
  case "`$run ./try`" in
int32_t)
  i32type=int32_t
  u32type=uint32_t
  i32size=4
  u32size=4
;;
esac
fi
;;
esac
```

```
case "$i32type" in
") if $test $intsize -ge 4; then
  i32type=int
  u32type="unsigned int"
  i32size=$intsize
  u32size=$intsize
```



```
fi
;;
esac
```

```
case "$i64type" in
") case "$d_quad:$quadtype" in
define:?)
i64type="$quadtype"
u64type="$uquadtype"
i64size=8
u64size=8
;;
esac
;;
esac
```

```
$echo "Checking how many bits of your UVs your NVs can preserve..." >&4
```

```
$cat <<EOP >try.c
```

```
#include <stdio.h>
```

```
#$i_stdlib I_STDLIB
```

```
#ifdef I_STDLIB
```

```
#include <stdlib.h>
```

```
#endif
```

```
#include <sys/types.h>
```

```
#include <signal.h>
```

```
#ifdef SIGFPE
```

```
/* volatile so that the compiler has to store it out to memory */
```

```
volatile int bleched = 0;
```

```
$signal_t blech(int s) { bleched = 1; }
```

```
#endif
```

```
int main() {
```

```
    $svtype u = 0;
```

```
    $nvtype d;
```

```
    int    n = 8 * $svsize;
```

```
    int    i;
```

```
#ifdef SIGFPE
```

```
    signal(SIGFPE, blech);
```

```
#endif
```

```
    for (i = 0; i < n; i++) {
```

```
        u = u << 1 | ($svtype)1;
```

```
        d = ($nvtype)u;
```

```
        if ((($svtype)d != u)
```

```
            break;
```

```
        if (d <= 0)
```

```
            break;
```

```
        d = ($nvtype)(u - 1);
```

```
        if ((($svtype)d != (u - 1))
```

```

        break;
#ifdef SIGFPE
        if (bletched)
            break;
#endif
    }
    printf("%d\n", ((i == n) ? -n : i));
    exit(0);
}
EOP
set try

d_nv_preserves_uv="$undef"
if eval $compile; then
    nv_preserves_uv_bits="$run ./try`"
fi
case "$nv_preserves_uv_bits" in
\-[1-9]*)
    nv_preserves_uv_bits=`expr 0 - $nv_preserves_uv_bits`
    $echo "Your NVs can preserve all $nv_preserves_uv_bits bits of your UVs." 2>&1
    d_nv_preserves_uv="$define"
    ;;
[1-9]*) $echo "Your NVs can preserve only $nv_preserves_uv_bits bits of your UVs." 2>&1
    d_nv_preserves_uv="$undef" ;;
*) $echo "Can't figure out how many bits your NVs preserve." 2>&1
    nv_preserves_uv_bits="0" ;;
esac
$rm_try

$echo "Checking to find the largest integer value your NVs can hold..." >&4
$cat <<EOP >try.c
#include <stdio.h>

typedef $nvtype NV;

int
main() {
    NV value = 2;
    int count = 1;

    while(count < 256) {
        /* volatile so that the compiler has to store it out to memory */
        volatile NV up = value + 1.0;
        volatile NV negated = -value;
        volatile NV down = negated - 1.0;
        volatile NV got_up = up - value;
        int up_good = got_up == 1.0;
        int got_down = down - negated;
    }
}

```

```

int down_good = got_down == -1.0;

if (down_good != up_good) {
    fprintf(stderr,
        "Inconsistency - up %d %f; down %d %f; for 2**%d (%.20f)\n",
        up_good, (double) got_up, down_good, (double) got_down,
        count, (double) value);
    return 1;
}
if (!up_good) {
    while (1) {
if (count > 8) {
    count -= 8;
    fputs("256.0", stdout);
} else {
    count--;
    fputs("2.0", stdout);
}
if (!count) {
    puts("");
    return 0;
}
fputs("2.0", stdout);
    }
    value *= 2;
    ++count;
}
fprintf(stderr, "Cannot overflow integer range, even at 2**%d (%.20f)\n",
    count, (double) value);
return 1;
}
EOP
set try

```

```

nv_overflows_integers_at='0'
if eval $compile; then
    xxx="$run ./try`"
    case "$?" in
    0)
        case "$xxx" in
        2*) cat >&4 <<EOM
The largest integer your NVs can preserve is equal to $xxx
EOM
        nv_overflows_integers_at="$xxx"
        ;;
        *) cat >&4 <<EOM

```

Cannot determine the largest integer value your NVs can hold, unexpected output

```

'$xxx'
EOM
    ;;
    esac
    ;;
*) cat >&4 <<EOM
Cannot determine the largest integer value your NVs can hold
EOM
    ;;
    esac
fi
$rm_try

$echo "Checking whether NV 0.0 is all bits zero in memory..." >&4
$cat <<EOP >try.c
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <string.h>
#include <sys/types.h>
#include <signal.h>
#ifdef SIGFPE
/* volatile so that the compiler has to store it out to memory */
volatile int bleached = 0;
$signal_t blech(int s) { bleached = 1; }
#endif

int checkit($nvtype d, const char *where) {
    void *v = &d;
    unsigned char *p = (unsigned char *)v;
    unsigned char *end = p + sizeof(d);
    int fail = 0;

    while (p < end)
fail += *p++;

    if (!fail)
return 0;

    p = (unsigned char *)v;
    printf("No - %s: 0x", where);
    while (p < end)
printf ("%02X", *p++);
    printf("\n");
    return 1;
}

```

```

int main(int argc, char **argv) {
    $nvttype d = 0.0;
    int fail = 0;
    fail += checkit(d, "0.0");

    /* The compiler shouldn't be assuming that bletched is 0 */
    d = bletched;

    fail += checkit(d, "bleched");

#ifdef SIGFPE
    signal(SIGFPE, blech);
#endif

    /* Paranoia - the compiler should have no way of knowing that ANSI says
       that argv[argc] will always be NULL. Actually, if it did assume this it
       would be buggy, as this is C and main() can be called from elsewhere in
       the program. */
    d = argv[argc] ? 1 : 0;

    if (d) {
        printf("Odd argv[argc]=%p, d=%g\n", argv[argc], d);
    }

    fail += checkit(d, "ternary");

    memset(&d, sizeof(d), argv[argc] ? 1 : 0);

    if (d != 0.0) {
        printf("No - memset doesn't give 0.0\n");
        /* This might just blow up: */
        printf("(gives %g)\n", d);
        return 1;
    }

#ifdef SIGFPE
    if (bletched) {
        printf("No - something bleched\n");
        return 1;
    }
#endif
    if (fail) {
        printf("No - %d fail(s)\n", fail);
        return 1;
    }
    printf("Yes\n");
    return 0;
}

```

```

}
EOP
set try

d_nv_zero_is_allbits_zero="$undef"
if eval $compile; then
  xxx="$`$run ./try`"
  case "$?" in
  0)
    case "$xxx" in
    Yes) cat >&4 <<EOM
0.0 is represented as all bits zero in memory
EOM
      d_nv_zero_is_allbits_zero="$define"
      ;;
    *) cat >&4 <<EOM
0.0 is not represented as all bits zero in memory
EOM
      d_nv_zero_is_allbits_zero="$undef"
      ;;
    esac
      ;;
    *) cat >&4 <<EOM
0.0 is not represented as all bits zero in memory
EOM
      d_nv_zero_is_allbits_zero="$undef"
      ;;
    esac
  fi
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perlxx.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: selecttype.U,v 3.0.1.3 1997/02/28 16:20:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
```

```

?RCS: $Log: selecttype.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 16:20:09 ram
?RCS: patch61: always include <sys/select.h> when available for test
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 14:14:06 ram
?RCS: patch56: removed harmful spaces in assignment
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 07:06:31 ram
?RCS: patch30: created by ADO
?RCS:
?MAKE:selecttype: Protochk Oldconfig Myread cat \
d_fd_set d_select d_socket i_systime i_sysselect extern_C
?MAKE: -pick add $@ %<
?S:selecttype:
?S: This variable holds the type used for the 2nd, 3rd, and 4th
?S: arguments to select. Usually, this is 'fd_set *', if HAS_FD_SET
?S: is defined, and 'int *' otherwise. This is only useful if you
?S: have select(), naturally.
?S:.
?C:Select_fd_set_t:
?C: This symbol holds the type used for the 2nd, 3rd, and 4th
?C: arguments to select. Usually, this is 'fd_set *', if HAS_FD_SET
?C: is defined, and 'int *' otherwise. This is only useful if you
?C: have select(), of course.
?C:.
?H:#define Select_fd_set_t $selecttype /**/
?H:.
?T:xxx nfd tmo try hdrs val
: check for type of arguments to select.
case "$selecttype" in
") case "$d_select" in
$define)
echo " "
$cat <<EOM
Checking to see what type of arguments are accepted by select().
EOM
hdrs="$define sys/types.h
$i_systime sys/time.h
$i_sysselect sys/select.h
$d_socket sys/socket.h"
: The first arg can be int, unsigned, or size_t
: The last arg may or may not be 'const'
val="
: void pointer has been seen but using that
: breaks the selectminbits test
for xxx in 'fd_set *' 'int *'; do
for nfd in 'int' 'size_t' 'unsigned long' 'unsigned' ; do
for tmo in 'struct timeval *' 'const struct timeval *'; do

```

```

case "$val" in
") try="$xtern_C select _(($nfd, $xxx, $xxx, $xxx, $tmo));"
if ./protochk "$stry" $hdrs; then
echo "Your system accepts $xxx."
val="$xxx"
fi
;;
esac
done
done
done
?X: In the unlikely event that none of those worked, prompt the user.
case "$val" in
") rp='What is the type for the 2nd, 3rd, and 4th arguments to select?'
case "$d_fd_set" in
$define) dflt="fd_set *" ;;
*) dflt="int *" ;;
esac
./myread
val=$ans
;;
esac
selecttype="$val"
;;
*) : no select, so pick a harmless default
selecttype='int *'
;;
esac
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/selecttype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_unordered: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_unordered:

?S: This variable conditionally defines the HAS\_UNORDERED symbol, which

?S: indicates to the C program that the unordered() routine is available.



```
?S:
?C:HAS_UNORDERED:
?C: This symbol, if defined, indicates that the unordered routine is
?C: available to check whether two doubles are unordered
?C: (effectively: whether either of them is NaN)
?C:
?H:#$d_unordered HAS_UNORDERED /**/
?H:
?LINT:set d_unordered
: see if unordered exists
set unordered d_unordered
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_unordered.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libdbm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libdbm.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:56:57 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:58 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libdbm: test Loc libpth _a
?MAKE: -pick add $@ %<
?S:libdbm:
?S: This variable contains the argument to pass to the loader in order
?S: to get the dbm library routines. If there is no dbm or ndbm
?S: library, it is null.
?S:
?S:
?T:xxx
: see if we should include -ldbm
echo " "
if $test -r /usr/lib/libndbm$_a || $test -r /usr/local/lib/libndbm$_a ; then
echo "-ldbm found." >&4
libdbm='-ldbm'
```

```

elif $test -r /usr/lib/libdbm$_a || $test -r /usr/local/lib/libdbm$_a ; then
echo "-ldb found." >&4
libdbm='-ldb'
else
xxx=`./loc libdbm$_a x $libpth`
case "$xxx" in
x)
echo "No dbm library found." >&4
libdbm=""
;;
*)
echo "DBM library found in $xxx." >&4
libdbm="$xxx"
;;
esac
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libdbm.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_atanh: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_atanh:

?S: This variable conditionally defines the HAS\_ATANH symbol, which

?S: indicates to the C program that the atanh() routine is available.

?S:.

?C:HAS\_ATANH:

?C: This symbol, if defined, indicates that the atanh routine is

?C: available to do the inverse hyperbolic tangent function.

?C:.

?H:#\$d\_atanh HAS\_ATANH /\*\*/

?H:.

?LINT:set d\_atanh

: see if atanh exists

set atanh d\_atanh

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_atanh.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Chk\_MANI.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: Chk\_MANI.U,v \$  
?RCS: Revision 3.0.1.2 1997/02/28 14:57:25 ram  
?RCS: patch61: added support for src.U  
?RCS:  
?RCS: Revision 3.0.1.1 1994/10/31 09:33:14 ram  
?RCS: patch44: now lists Begin instead of Myinit in its dependencies  
?RCS: patch44: leading comment now explains how this unit is included  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:04:45 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit checks the package by making sure every file listed in MANIFEST  
?X: is present. It is systematically "included" via the Finish unit (which  
?X: is always present in every Configure script), although it may result in  
?X: an empty inclusion when no MANIFEST is present.  
?X:  
?MAKE:Chk\_MANI: Begin c n rsrc  
?MAKE: -pick wipe \$@ %<  
?T:filelist ans tmppwd  
?X: This check happens at metaconfig-time, so it's ok to hard-code the path.  
@if {test -f ../MANIFEST}  
: Now test for existence of everything in MANIFEST  
echo " "  
if test -f "\$src/MANIFEST"; then  
echo "First let's make sure your kit is complete. Checking..." >&4  
?X:  
?X: Files spelled uppercased and beginning with PACK are produced by the  
?X: shell archive builder and may be removed by the user. Usually, they are  
?X: not listed in the MANIFEST file, but you never know...  
?X:  
?X: "split -l" is the new way of running a split, but we also try the older way  
?X:  
awk '\$1 !~ /PACK[A-Z]+/ {print \$1}' "\$src/MANIFEST" |\n
(split -l 50 2>/dev/null || split -50)  
rm -f missing  
tmppwd=`pwd`  
for filelist in x?; do  
(cd "\$src"; ls `cat "\$tmppwd/\$filelist"` \

```
>/dev/null 2>>"$tmppwd/missing")
done
if test -s missing; then
  cat missing >&4
  cat >&4 <<'EOM'
```

THIS PACKAGE SEEMS TO BE INCOMPLETE.

You have the option of continuing the configuration process, despite the distinct possibility that your kit is damaged, by typing 'y'es. If you do, don't blame me if something goes wrong. I advise you to type 'n'o and contact the author (<MAINTLOC>).

EOM

```
?X: Can't use $echo at this early stage
  echo $n "Continue? [n] $c" >&4
  read ans
  case "$ans" in
  y*)
    echo "Continuing..." >&4
    rm -f missing
    ;;
  *)
?X:
?X: Use kill and not exit, so that the trap gets executed to clean up
?X:
  echo "ABORTING..." >&4
  kill $$
  ;;
  esac
else
  echo "Looks good..."
fi
else
  echo "There is no MANIFEST file. I hope your kit is complete !"
fi
rm -f missing x??

@end
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Chk_MANI.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: ccflags.U,v 3.0.1.9 1997/02/28 15:27:07 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

?RCS:  
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?RCS: as specified in the README file that comes with the distribution.  
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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: ccflags.U,v \$  
?RCS: Revision 3.0.1.9 1997/02/28 15:27:07 ram  
?RCS: patch61: removed support for NO\_PROTOTYPE detection on SCO  
?RCS: patch61: new locincpth variable  
?RCS: patch61: added info on the "additional ld flags" question  
?RCS:  
?RCS: Revision 3.0.1.8 1995/07/25 13:48:54 ram  
?RCS: patch56: re-arranged compile line to include ldflags before objects  
?RCS:  
?RCS: Revision 3.0.1.7 1995/05/12 12:08:33 ram  
?RCS: patch54: now checks for cc/ccflags/ldflags coherency  
?RCS:  
?RCS: Revision 3.0.1.6 1994/10/29 16:07:02 ram  
?RCS: patch36: gcc versioning no longer relies on the C compiler's name  
?RCS: patch36: simplified check for gcc version checking (ADO)  
?RCS:  
?RCS: Revision 3.0.1.5 1994/08/29 16:06:35 ram  
?RCS: patch32: propagate -posix flag from ccflags to ldflags  
?RCS:  
?RCS: Revision 3.0.1.4 1994/05/06 14:28:45 ram  
?RCS: patch23: -fpcc-struct-return only needed in gcc 1.x (ADO)  
?RCS: patch23: cppflags now computed on an option-by-option basis  
?RCS: patch23: magically added cc flags now only done the first time  
?RCS:  
?RCS: Revision 3.0.1.3 1993/09/13 15:58:29 ram  
?RCS: patch10: explicitly mention -DDEBUG just in case they need it (WAD)  
?RCS: patch10: removed all the "tans" variable usage (WAD)  
?RCS:  
?RCS: Revision 3.0.1.2 1993/08/27 14:39:38 ram  
?RCS: patch7: added support for OSF/1 machines  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/25 14:00:24 ram  
?RCS: patch6: added defaults for cppflags, ccflags and ldflags  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:31 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:ccflags ldflags lkflags cppflags optimize locincpth: test cat osname \  
Myread Guess Options Oldconfig +gccversion mips\_type +usrinc \  
package contains rm +cc cppstdin cppminus cprun cpplast libpth \  
libs loclibpth hint usesocks sh run rm\_try sysroot

?MAKE: -pick add \$@ %<

?S:ccflags:  
?S: This variable contains any additional C compiler flags desired by  
?S: the user. It is up to the Makefile to use this.  
?S:.

?S:cppflags:  
?S: This variable holds the flags that will be passed to the C pre-  
?S: processor. It is up to the Makefile to use it.  
?S:.

?S:optimize:  
?S: This variable contains any optimizer/debugger flag that should be used.  
?S: It is up to the Makefile to use it.  
?S:.

?S:ldflags:  
?S: This variable contains any additional C loader flags desired by  
?S: the user. It is up to the Makefile to use this.  
?S:.

?S:lkflags:  
?S: This variable contains any additional C partial linker flags desired by  
?S: the user. It is up to the Makefile to use this.  
?S:.

?S:locincpth:  
?S: This variable contains a list of additional directories to be  
?S: searched by the compiler. The appropriate '-I' directives will  
?S: be added to ccflags. This is intended to simplify setting  
?S: local directories from the Configure command line.  
?S: It's not much, but it parallels the loclibpth stuff in libpth.U.  
?S:.

?T:inctest thisincl xxx inclwanted ftry previous thislibdir  
?T:EBUGGING DEBUGGING  
?T:check flag callback checkccflag  
?F:!cpp.c !gcctest !try  
?D:cppflags="  
?D:ccflags="  
?D:ldflags="  
?D:optimize="  
?LINT:extern \_sysroot  
?INIT:: Possible local include directories to search.  
?INIT:: Set locincpth to "" in a hint file to defeat local include searches.  
?INIT:locincpth="/usr/local/include /opt/local/include /usr/gnu/include"  
?INIT:locincpth="\$locincpth /opt/gnu/include /usr/GNU/include /opt/GNU/include"  
?INIT::  
?INIT:: no include file wanted by default  
?INIT:inclwanted="  
?INIT:  
?INIT:: Enable -DEBUGGING and -DDEBUGGING from the command line  
?INIT:EBUGGING="  
?INIT:DEBUGGING="

```

?INIT:
: determine optimization, if desired, or use for debug flag also
?X: Allow for Configure -Uoptimize -- it's not strictly sensible, but
?X: it has happened and we know what they mean. AD 2/16/98
case "$optimize" in
'|$undef) dflt='none';;
") dflt='-O';;
*) dflt="$optimize";;
esac
$cat <<EOH

```

By default, \$package compiles with the -O flag to use the optimizer. Alternately, you might want to use the symbolic debugger, which uses the -g flag (on traditional Unix systems). Either flag can be specified here. To use neither flag, specify the word "none".

```

EOH
rp="What optimizer/debugger flag should be used?"
./myread
optimize="$ans"
case "$optimize" in
'none') optimize=" ";;
esac

```

```

: Check what DEBUGGING is required from the command line
: -DEBUGGING or -DDEBUGGING or
: -DEBUGGING=both = -g + -DDEBUGGING
: -DEBUGGING=-g or -Doptimize=-g = -g
: -DEBUGGING=none or -UDEBUGGING =
: -DEBUGGING=old or -DEBUGGING=default = ? $optimize
case "$EBUGGING" in
") ;;
*) DEBUGGING=$EBUGGING ;;
esac

```

```

case "$DEBUGGING" in
-g|both|$define)
  case "$optimize" in
  *-g*) ;;
  *) optimize="$optimize -g" ;;
  esac ;;
none|$undef)
  case "$optimize" in
  *-g*) set `echo "X $optimize " | sed 's/ -g / /'`
  shift
  optimize="$*"
  ;;
  esac ;;

```

```
esac
```

```
dflt="
```

```
case "$DEBUGGING" in
```

```
both|$define) dflt='-DDEBUGGING'
```

```
esac
```

: argument order is deliberate, as the flag will start with - which set could

: think is an option

```
checkccflag='check=$1; flag=$2; callback=$3;
```

```
echo " ";
```

```
echo "Checking if your compiler accepts $flag" 2>&1;
```

```
[ "X$sysroot" != "X" ] && echo "For sysroot = $sysroot";
```

```
echo "int main(void) { return 0; }" > gcctest.c;
```

```
if $cc $_sysroot -O2 $flag -o gcctest gcctest.c 2>gcctest.out && $run ./gcctest; then
```

```
    echo "Yes, it does." 2>&1;
```

```
    if $test -s gcctest.out ; then
```

```
        echo "But your platform does not like it:";
```

```
        cat gcctest.out;
```

```
    else
```

```
case "$ccflags" in
```

```
*$check*)
```

```
    echo "Leaving current flags $ccflags alone." 2>&1
```

```
    ;;
```

```
*) dflt="$dflt $flag";
```

```
    eval $callback
```

```
    ;;
```

```
esac
```

```
fi
```

```
else
```

```
    echo "Nope, it does not, but that is ok." 2>&1;
```

```
fi
```

```
,
```

: We will not override a previous value, but we might want to

: augment a hint file

```
case "$hint" in
```

```
default|recommended)
```

```
case "$gccversion" in
```

```
1*) dflt="$dflt -fpcc-struct-return" ;;
```

```
esac
```

```
case "$optimize:$DEBUGGING" in
```

```
*-g*:old) dflt="$dflt -DDEBUGGING";;
```

```
esac
```

?X: check for POSIXized ISC

```
case "$gccversion" in
```

```
2*) if $test -d /etc/conf/kconfig.d &&
```

```
    $contains _POSIX_VERSION $usrinc/sys/unistd.h >/dev/null 2>&1
```



```

then
# Interactive Systems (ISC) POSIX mode.
dflt="$dflt -posix"
fi
;;
esac
?X: If the user has gcc-2.95 or greater, try adding -fno-strict-alias.
?X: Since the gcc "version" can be non-numeric, e.g.
?X: "2.95.1 19990809 (prerelease)" , we'll do the test on any version
?X: greater than 2.8.
?X: --Andy Dougherty 27 Aug 1999
case "$gccversion" in
1*) ;;
2.[0-8]*) ;;
?*) set strict-aliasing -fno-strict-aliasing
eval $checkccflag
;;
esac
?X: HMB 200405
?X: -pipe has shown a compile time speedup of about 40% on Linux and HP-UX
?X: and also worked on cygwin-1.5.9
?X: If a system fails, disable it in the hints. 99% of gcc uses binutils
# For gcc, adding -pipe speeds up compilations for some, but apparently
# some assemblers can't read from stdin. (It also slows down compilations
# in other cases, but those are apparently rarer these days.) AD 5/2004.
case "$gccversion" in
?*) set pipe -pipe
eval $checkccflag
;;
esac

?X: NWC 200712
# on x86_64 (at least) we require an extra library (libssp) in the
# link command line. This library is not named, so I infer that it is
# an implementation detail that may change. Hence the safest approach
# is to add the flag to the flags passed to the compiler at link time,
# as that way the compiler can do the right implementation dependant
# thing. (NWC)
case "$osname" in
amigaos) ;; # -fstack-protector builds but doesn't work
*) case "$gccversion" in
?*) set stack-protector-strong -fstack-protector-strong
eval $checkccflag
case "$dflt" in
*-fstack-protector-strong*) ;; # It got added.
*) # Try the plain/older -fstack-protector.
set stack-protector -fstack-protector
eval $checkccflag

```

```
;;
esac
;;
esac
;;
esac
;;
esac
```

?X: In USG mode, a MIPS system may need some BSD includes

```
case "$mips_type" in
*BSD*) inclwanted="$locincpth $usrinc";;
*) inclwanted="$locincpth $inclwanted $usrinc/bsd";;
esac
for thisincl in $inclwanted; do
if $test -d $thisincl; then
if $test x$thisincl != x$usrinc; then
case "$dflt" in
*" -I$thisincl "*);;
*) dflt="$dflt -I$thisincl ";;
esac
fi
fi
done
```

?X: Include test function (header, symbol)

```
inctest='if $contains $2 $usrinc/$1 >/dev/null 2>&1; then
xxx=true;
elif $contains $2 $usrinc/sys/$1 >/dev/null 2>&1; then
xxx=true;
else
xxx=false;
fi;
if $xxx; then
case "$dflt" in
*$2*);;
*) dflt="$dflt -D$2";;
esac;
fi'
```

```
set signal.h LANGUAGE_C; eval $inctest
```

```
case "$usesocks" in
$define)
ccflags="$ccflags -DSOCKS"
;;
esac
```

```

case "$hint" in
default|recommended) dflt="$ccflags $dflt" ;;
*) dflt="$ccflags";;
esac

```

```

case "$dflt" in
'| ') dflt=none;;
esac

```

```
$cat <<EOH
```

Your C compiler may want other flags. For this question you should include -I/whatever and -DWHATEVER flags and any other flags used by the C compiler, but you should NOT include libraries or ld flags like -lwhatever. If you want \$package to honor its debug switch, you should include -DDEBUGGING here. Your C compiler might also need additional flags, such as -D\_POSIX\_SOURCE.

To use no flags, specify the word "none".

```

EOH
?X: strip leading space
set X $dflt
shift
dflt=${1+"$@"}
rp="Any additional cc flags?"
. ./myread
case "$ans" in
none) ccflags="";;
*) ccflags="$ans";;
esac

```

: the following weeds options from ccflags that are of no interest to cpp

```

case "$cppflags" in
") cppflags="$ccflags" ;;
*) set X $ccflags; shift
  case " $cppflags " in
  *" $1 "*" ;; # Try to avoid doubling the cppflags.
  *) cppflags="$cppflags $ccflags" ;;
  esac
  ;;
esac
case "$gccversion" in
1*) cppflags="$cppflags -D__GNUC__"
esac
case "$mips_type" in
");;
*BSD*) cppflags="$cppflags -DSYSTYPE_BSD43";;
esac

```

```

case "$cppflags" in
");;
*)
echo " "
echo "Let me guess what the preprocessor flags are..." >&4
set X $cppflags
shift
cppflags="
$cat >cpp.c <<'EOM'
#define BLURFL foo

BLURFL xx LFRULB
EOM
?X:
?X: For each cc flag, try it out with both cppstdin and cprun, since the
?X: first is almost surely a cc wrapper. We have to try both in case
?X: of cc flags like '-Olimit 2900' that are actually two words...
?X:
previous="
for flag in $*
do
case "$flag" in
-*) ftry="$flag";;
*) ftry="$previous $flag";;
esac
if $cppstdin -DLFRULB=bar $cppflags $ftry $cppminus <cpp.c \
>cpp1.out 2>/dev/null && \
$cpprun -DLFRULB=bar $cppflags $ftry $cpplast <cpp.c \
>cpp2.out 2>/dev/null && \
$contains 'foo.*xx.*bar' cpp1.out >/dev/null 2>&1 && \
$contains 'foo.*xx.*bar' cpp2.out >/dev/null 2>&1
then
cppflags="$cppflags $ftry"
previous="
else
previous="$flag"
fi
done
set X $cppflags
shift
cppflags=${1+"$@"}
case "$cppflags" in
*~*) echo "They appear to be: $cppflags";;
esac
$rm -f cpp.c cpp?.out
;;
esac

```

```

: flags used in final linking phase
case "$ldflags" in
") if ./venix; then
    dflt='-i -z'
else
    dflt=""
fi
case "$ccflags" in
*-posix*) dflt="$dflt -posix" ;;
esac
;;
*) dflt="$ldflags";;
esac

# See note above about -fstack-protector
case "$ccflags" in
*-fstack-protector-strong*)
case "$dflt" in
*-fstack-protector-strong*) ;; # Don't add it again
*) dflt="$dflt -fstack-protector-strong" ;;
esac
;;
*-fstack-protector*)
case "$dflt" in
*-fstack-protector*) ;; # Don't add it again
*) dflt="$dflt -fstack-protector" ;;
esac
;;
esac

: Try to guess additional flags to pick up local libraries.
for thislibdir in $libpth; do
case " $loclibpth " in
*" $thislibdir "*)
case "$dflt " in
*-L$thislibdir "*) ;;
*) dflt="$dflt -L$thislibdir" ;;
esac
;;
esac
done

case "$dflt" in
") dflt='none' ;;
esac

$cat <<EOH

```

Your C linker may need flags. For this question you should

include -L/whatever and any other flags used by the C linker, but you should NOT include libraries like -lwhatever.

Make sure you include the appropriate -L/path flags if your C linker does not normally search all of the directories you specified above, namely

\$libpth

To use no flags, specify the word "none".

EOH

```
rp="Any additional ld flags (NOT including libraries)?"
```

```
./myread
```

```
case "$ans" in
```

```
none) ldflags=";;
```

```
*) ldflags="$ans";;
```

```
esac
```

```
rmlist="$rmlist pdp11"
```

```
@if lkflags
```

```
: partial linking may need other flags
```

```
case "$lkflags" in
```

```
) case "$ldflags" in
```

```
) dflt='none';;
```

```
*) dflt="$ldflags";;
```

```
esac;;
```

```
*) dflt="$lkflags";;
```

```
esac
```

```
echo " "
```

```
rp="Partial linking flags to be used (NOT including -r)?"
```

```
./myread
```

```
case "$ans" in
```

```
none) lkflags=";;
```

```
*) lkflags="$ans";;
```

```
esac
```

```
@end
```

```
?X:
```

```
?X: If the user changes compilers after selecting a hint file, it's
```

```
?X: possible that the suggested ccflags/ldflags will be wrong. Try to
```

```
?X: compile and run a simple test program. Let the user see all the
```

```
?X: error messages. -- ADO and RAM
```

```
?X: Sometimes, particularly on Linux systems, there is a bad library
```

```
?X: (e.g. a dangling symlink or incompatible library or a "run-time"
```

```
?X: version but not a "development" version of a library). This test
```

```
?X: will catch those sorts of problems too, though how to fix them
```

```
?X: may not be obvious.
```

```
?X:
```

```
: coherency check
echo " "
echo "Checking your choice of C compiler and flags for coherency..." >&4
$cat >try.c <<'EOF'
#include <stdio.h>
int main() { printf("Ok\n"); return(0); }
EOF
?X: Strip extra blanks in case some of the following variables are empty
set X $cc -o try $optimize $ccflags $ldflags try.c $libs
shift
$cat >try.msg <<'EOM'
I've tried to compile and run the following simple program:
```

```
EOM
$cat try.c >> try.msg
```

```
$cat >> try.msg <<EOM
```

I used the command:

```
$*
$run ./try
```

and I got the following output:

```
EOM
dflt=y
?X: Use "sh -c" to avoid error messages tagged with leading "Configure:".
?X: We need to try the resulting executable, because cc might yield a 0 status
?X: even when ld failed, in which case the executable will not run properly,
?X: if its x bit is set at all...
if $sh -c "$cc -o try $optimize $ccflags $ldflags try.c $libs" >>try.msg 2>&1; then
if $sh -c "$run ./try " >>try.msg 2>&1; then
xxx=`$run ./try`
case "$xxx" in
"Ok") dflt=n ;;
*) echo "The program compiled OK, but produced no output." >> try.msg ;;
esac
else
echo "The program compiled OK, but exited with status $?." >>try.msg
rp="You have a problem. Shall I abort Configure"
dflt=y
fi
else
echo "I can't compile the test program." >>try.msg
rp="You have a BIG problem. Shall I abort Configure"
dflt=y
fi
```

```

case "$dflt" in
y)
$cat try.msg >&4
?X: using -K will prevent default aborting--maybe they're cross compiling?
case "$knowitall" in
")
echo "(The supplied flags or libraries might be incorrect.)"
;;
*) dflt=n;;
esac
echo " "
. ./myread
case "$ans" in
n*[N*]) ;;
*) echo "Ok. Stopping Configure." >&4
exit 1
;;
esac
;;
n) echo "OK, that should do.";;
esac
$rm_try gcctest gcctest.out

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/ccflags.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_syscall.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_syscall.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:42 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_syscall: Inlibc
?MAKE: -pick add $@ %<
?S:d_syscall:
?S: This variable conditionally defines HAS_SYSCALL if syscall() is
?S: available call arbitrary system calls.
?S:.

```



?C:HAS\_SYSCALL (SYSCALL):

?C: This symbol, if defined, indicates that the syscall routine is

?C: available to call arbitrary system calls. If undefined, that's tough.

?C:.

?H:#\$d\_syscall HAS\_SYSCALL /\*\*/

?H:.

?LINT:set d\_syscall

: see if syscall exists

set syscall d\_syscall

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_syscall.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_log1p: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_log1p:

?S: This variable conditionally defines the HAS\_LOG1P symbol, which

?S: indicates to the C program that the logp1() routine is available

?S: to compute  $\log(1 + x)$  for values of  $x$  close to zero.

?S:.

?C:HAS\_LOG1P:

?C: This symbol, if defined, indicates that the log1p routine is

?C: available to do the logarithm of 1 plus argument function.

?C:.

?H:#\$d\_log1p HAS\_LOG1P /\*\*/

?H:.

?LINT:set d\_log1p

: see if log1p exists

set log1p d\_log1p

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_log1p.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: prefix.U,v 3.1 1999/07/08 18:27:51 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

```

?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: prefix.U,v $
?RCS: Revision 3.1 1999/07/08 18:27:51 doughera
?RCS: 5.005_5x version -- Andy Dougherty
?RCS:
?RCS: Revision 3.0.1.2 1995/01/30 14:44:05 ram
?RCS: patch49: new prefixexp variable holding a fully expanded prefix
?RCS: patch49: save off previous prefix value in oldprefix if changed (WED)
?RCS: patch49: added the INSTALLPREFIX define for C programs to use (WED)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:31:34 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:prefix prefixexp +oldprefix: Getfile Loc Oldconfig cat package
?MAKE: -pick add $@ %<
?S:prefix:
?S: This variable holds the name of the directory below which the
?S: user will install the package. Usually, this is /usr/local, and
?S: executables go in /usr/local/bin, library stuff in /usr/local/lib,
?S: man pages in /usr/local/man, etc. It is only used to set defaults
?S: for things in bin.U, mansrc.U, privlib.U, or scriptdir.U.
?S:.
?S:prefixexp:
?S: This variable holds the full absolute path of the directory below
?S: which the user will install the package. Derived from prefix.
?S:.
?S:oldprefix:
?S: This variable is set non-null if the prefix was previously defined
?S: and gets set to a new value. Used internally by Configure only.
?S:.
?C:INSTALLPREFIX:
?C: This symbol contains the name of the install prefix for this package.
?C:.
?H:#define INSTALLPREFIX "$prefix" /**/
?H:.
: determine root of directory hierarchy where package will be installed.
case "$prefix" in
")
dflt=`./loc . /usr/local /usr/local /local /opt /usr`
;;
*?)
dflt=`echo "$prefix" | sed 's/.$//`
;;

```

```

*)
dflt="$prefix"
;;
esac
$cat <<EOM

```

By default, \$package will be installed in \$dflt/bin, manual pages under \$dflt/man, etc..., i.e. with \$dflt as prefix for all installation directories. Typically this is something like /usr/local. If you wish to have binaries under /usr/bin but other parts of the installation under /usr/local, that's ok: you will be prompted separately for each of the installation directories, the prefix being only used to set the defaults.

```

EOM
fn=d~
rp='Installation prefix to use?'
./getfile
oldprefix=""
case "$prefix" in
") ;;
*)
case "$ans" in
"$prefix") ;;
*) oldprefix="$prefix";;
esac
;;
esac
prefix="$ans"
prefixexp="$ansexp"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/prefix.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: prefshell.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: prefshell.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 16:28:13 ram

```

```

?RCS: patch36: added SHELL temporary since metalint now sees ${SHELL}
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:11:47 ram
?RCS: patch10: non-portable var substitution was used (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:34 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:prefshell: cat package Getfile Oldconfig ksh csh bash
?MAKE: -pick add $@ %<
?S:prefshell:
?S: This variable contains the eventual value of the PREFSHELL symbol,
?S: which contains the full name of the preferred user shell on this
?S: system. Usual values are /bin/csh, /bin/ksh, /bin/sh.
?S:.
?C:PREFSHELL:
?C: This symbol contains the full name of the preferred user shell on this
?C: system. Usual values are /bin/csh, /bin/ksh, /bin/sh.
?C:.
?H:#define PREFSHELL "$prefshell" /**/
?H:.
?T:SHELL
: find out which shell people like to use most
case "$prefshell" in
")
case "$ksh $bash $csh" in
*/ksh*) dflt="$ksh" ;;
*/bash*) dflt="$bash" ;;
*/csh*) dflt="$csh" ;;
*) dflt="/bin/sh" ;;
esac
;;
*) dflt="$prefshell";;
esac
?X: Some shells (Ultrix) do not understand ${SHELL:-/bin/sh}, sigh!
$cat <<EOM

```

Give the full path name of the shell most people like to use on your system. This will be used by \$package whenever the user wants to get a shell escape (for instance) and is not necessarily the same as the shell you are currently using (\${SHELL:-/bin/sh}).

```

EOM
fn=f/~
rp='Preferred shell to be used?'
./getfile
prefshell=$ans

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/prefshell.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getgrnam\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_getgrnam\_r getgrnam\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_grp extern\_C

?MAKE: -pick add \$@ %<

?S:d\_getgrnam\_r:

?S: This variable conditionally defines the HAS\_GETGRNAM\_R symbol,

?S: which indicates to the C program that the getgrnam\_r()

?S: routine is available.

?S:.

?S:getgrnam\_r\_proto:

?S: This variable encodes the prototype of getgrnam\_r.

?S: It is zero if d\_getgrnam\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getgrnam\_r

?S: is defined.

?S:.

?C:HAS\_GETGRNAM\_R:

?C: This symbol, if defined, indicates that the getgrnam\_r routine

?C: is available to getgrnam re-entrantly.

?C:.

?C:GETGRNAM\_R\_PROTO:

?C: This symbol encodes the prototype of getgrnam\_r.

?C: It is zero if d\_getgrnam\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getgrnam\_r

?C: is defined.

?C:.

?H:#\$d\_getgrnam\_r HAS\_GETGRNAM\_R /\*\*/

?H:#define GETGRNAM\_R\_PROTO \$getgrnam\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_getgrnam\_r\_proto

: see if getgrnam\_r exists

set getgrnam\_r d\_getgrnam\_r

eval \$inlibc

case "\$d\_getgrnam\_r" in

"\$define")

hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_grp grp.h"

case "\$d\_getgrnam\_r\_proto:\$usethreads" in

```

":define") d_getgrnam_r_proto=define
set d_getgrnam_r_proto getgrnam_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getgrnam_r_proto" in
define)
case "$getgrnam_r_proto" in
"|0) try='int getgrnam_r(const char*, struct group*, char*, size_t, struct group**);'
./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=I_CSBWR ;;
esac
case "$getgrnam_r_proto" in
"|0) try='int getgrnam_r(const char*, struct group*, char*, int, struct group**);'
./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=I_CSBI ;;
esac
case "$getgrnam_r_proto" in
"|0) try='struct group* getgrnam_r(const char*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=S_CBI ;;
esac
case "$getgrnam_r_proto" in
"|0) try='int getgrnam_r(const char*, struct group*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=I_CSBI ;;
esac
case "$getgrnam_r_proto" in
"|0) try='struct group* getgrnam_r(const char*, struct group*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=S_CSBI ;;
esac
case "$getgrnam_r_proto" in
"|0) d_getgrnam_r=undef
getgrnam_r_proto=0
echo "Disabling getgrnam_r, cannot determine prototype." >&4 ;;
* ) case "$getgrnam_r_proto" in
REENTRANT_PROTO*) ;;
*) getgrnam_r_proto="REENTRANT_PROTO_$getgrnam_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "getgrnam_r has no prototype, not using it." >&4 ;;
esac
d_getgrnam_r=undef
getgrnam_r_proto=0
;;
esac
;;
*) getgrnam_r_proto=0
;;

```

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_getgrnam\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: i\_db.U,v \$

?RCS: Revision 3.0.1.3 1995/07/25 14:10:22 ram

?RCS: patch56: conditionally use const in test programs (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1995/05/12 12:14:42 ram

?RCS: patch54: extended for more intimate DB probing (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:21:50 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:i\_db db\_hashtype db\_prefixtype: Inhdr +cc +ccflags rm\_try contains cat \  
d\_const

?MAKE: -pick add \$@ %<

?S:i\_db:

?S: This variable conditionally defines the I\_DB symbol, and indicates

?S: whether a C program may include Berkeley's DB include file <db.h>.

?S:.

?S:db\_hashtype:

?S: This variable contains the type of the hash structure element

?S: in the <db.h> header file. In older versions of DB, it was

?S: int, while in newer ones it is u\_int32\_t.

?S:.

?S:db\_prefixtype:

?S: This variable contains the type of the prefix structure element

?S: in the <db.h> header file. In older versions of DB, it was

?S: int, while in newer ones it is size\_t.

?S:.

?C:I\_DB:

?C: This symbol, if defined, indicates to the C program that it should

```

?C: include Berkeley's DB include file <db.h>.
?C:.
?C:DB_Prefix_t:
?C: This symbol contains the type of the prefix structure element
?C: in the <db.h> header file. In older versions of DB, it was
?C: int, while in newer ones it is u_int32_t.
?C:.
?C:DB_Hash_t:
?C: This symbol contains the type of the prefix structure element
?C: in the <db.h> header file. In older versions of DB, it was
?C: int, while in newer ones it is size_t.
?C:.
?H:#$i_db I_DB /**/
?H:#define DB_Hash_t $db_hashtype /**/
?H:#define DB_Prefix_t $db_prefixtype /**/
?H:.
?LINT:set i_db
: see if this is a db.h system
set db.h i_db
eval $inhdr

@if DB_Hash_t
case "$i_db" in
define)
: Check the return type needed for hash
echo " "
echo "Checking return type needed for hash for Berkeley DB ..." >&4
$cat >try.c <<EOCP
#$d_const HASCONST
#ifndef HASCONST
#define const
#endif
#include <sys/types.h>
#include <db.h>
u_int32_t hash_cb (ptr, size)
const void *ptr;
size_t size;
{
}
HASHINFO info;
int main()
{
info.hash = hash_cb;
}
EOCP
if $cc $ccflags -c try.c >try.out 2>&1 ; then
if $contains warning try.out >>/dev/null 2>&1 ; then
db_hashtype='int'

```



```

else
  db_hashtype='u_int32_t'
fi
else
  echo "I can't seem to compile the test program." >&4
  db_hashtype=int
fi
$rm_try
echo "Your version of Berkeley DB uses $db_hashtype for hash."
;;
*) db_hashtype=int
;;
esac

@end
@if DB_Prefix_t
case "$i_db" in
define)
: Check the return type needed for prefix
echo " "
echo "Checking return type needed for prefix for Berkeley DB ..." >&4
cat >try.c <<EOCP
#$d_const HASCONST
#ifndef HASCONST
#define const
#endif
#include <sys/types.h>
#include <db.h>
size_t prefix_cb (key1, key2)
const DBT *key1;
const DBT *key2;
{
}
BTREEINFO info;
int main()
{
  info.prefix = prefix_cb;
}
EOCP
if $cc $ccflags -c try.c >try.out 2>&1 ; then
  if $contains warning try.out >>/dev/null 2>&1 ; then
    db_prefixtype='int'
  else
    db_prefixtype='size_t'
  fi
else
  echo "I can't seem to compile the test program." >&4
  db_prefixtype='int'

```

```

fi
$rm_try
echo "Your version of Berkeley DB uses $db_prefixtype for prefix."
;;
*) db_prefixtype='int'
;;
esac

@end

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_db.U

```

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?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_socketmarkproto: Hasproto d\_socket

?MAKE: -pick add \$@ %<

?S:d\_socketmarkproto:

?S: This variable conditionally defines the HAS\_SOCKETMARK\_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the socketmark() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS\_SOCKETMARK\_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the socketmark() function. Otherwise, it is up

?C: to the program to supply one. A good guess is

?C: extern int socketmark(int);

?C:.

?H:#\$d\_socketmarkproto HAS\_SOCKETMARK\_PROTO /\*\*/

?H:.

?LINT:set d\_socketmarkproto

: see if prototype for socketmark is available

echo " "

set d\_socketmarkproto socketmark \$d\_socket sys/socket.h

eval \$hasproto

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_socketmarkproto.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: contains.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: contains.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:35 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:contains: Nothing
?MAKE: -pick add $@ %<
?S:contains:
?S: This variable holds the command to do a grep with a proper return
?S: status. On most sane systems it is simply "grep". On insane systems
?S: it is a grep followed by a cat followed by a test. This variable
?S: is primarily for the use of other Configure units.
?S:.
: Some greps do not return status, grrr.
echo "grimblepritz" >grimble
if grep blurfldyick grimble >/dev/null 2>&1 ; then
contains=contains
elif grep grimblepritz grimble >/dev/null 2>&1 ; then
contains=grep
else
contains=contains
fi
rm -f grimble
: the following should work in any shell
case "$contains" in
contains*)
echo " "
echo "AGH! Grep doesn't return a status. Attempting remedial action."
cat >contains <<'EOSS'
grep "$1" "$2" >.greptmp && cat .greptmp && test -s .greptmp
EOSS
chmod +x contains
esac
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/contains.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_mkstemp.U,v 3.0.1.1 1994/08/29 16:11:57 ram Exp \$  
?RCS:  
?RCS: Copyright (c) 1998 Andy Dougherty  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_mkstemp.U,v \$  
?RCS:  
?MAKE:d\_mkstemp: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_mkstemp:  
?S: This variable conditionally defines the HAS\_MKSTEMP symbol, which  
?S: indicates to the C program that the mkstemp() routine is available  
?S: to exclusively create and open a uniquely named temporary file.  
?S:.  
?C:HAS\_MKSTEMP :  
?C: This symbol, if defined, indicates that the mkstemp routine is  
?C: available to exclusively create and open a uniquely named  
?C: temporary file.  
?C:.  
?H:#\$d\_mkstemp HAS\_MKSTEMP /\*\*/  
?H:.  
?LINT:set d\_mkstemp  
: see if mkstemp exists  
set mkstemp d\_mkstemp  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_mkstemp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Loc.U 14 2006-08-28 16:51:14Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
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?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.

?RCS:  
?RCS: \$Log: Loc.U,v \$  
?RCS: Revision 3.0.1.10 1997/02/28 15:04:16 ram  
?RCS: patch61: allow users to specify paths on the command line  
?RCS: patch61: will now substitute cp for ln if not supported  
?RCS:  
?RCS: Revision 3.0.1.9 1995/09/25 09:11:24 ram  
?RCS: patch59: commented the purpose of the #un-def directive  
?RCS: patch59: abort Configure run when mandatory command is missing  
?RCS:  
?RCS: Revision 3.0.1.8 1995/07/25 13:40:40 ram  
?RCS: patch56: now knows about OS/2 platforms  
?RCS:  
?RCS: Revision 3.0.1.7 1995/01/11 15:13:37 ram  
?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI  
?RCS: patch45: added path lookup for the 'comm' program  
?RCS:  
?RCS: Revision 3.0.1.6 1994/10/29 15:56:14 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS: patch36: be careful and guard against wildcard searching (ADO)  
?RCS:  
?RCS: Revision 3.0.1.5 1994/06/20 06:54:55 ram  
?RCS: patch30: now locates find  
?RCS:  
?RCS: Revision 3.0.1.4 1994/05/13 15:18:15 ram  
?RCS: patch27: added yacc to the trylist (ADO)  
?RCS: patch27: lint lines reformatted (ADO)  
?RCS:  
?RCS: Revision 3.0.1.3 1994/01/24 14:01:44 ram  
?RCS: patch16: added metalint hint on changed PATH variable  
?RCS:  
?RCS: Revision 3.0.1.2 1993/12/15 08:16:52 ram  
?RCS: patch15: now set \_test variable when test is built-in  
?RCS: patch15: fixed rare cases where echo is not needed  
?RCS:  
?RCS: Revision 3.0.1.1 1993/09/13 15:47:13 ram  
?RCS: patch10: test program not always in /bin/test (WAD)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:05 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit produces a shell script "loc" which can be used to find out  
?X: where in a list of directories something is. It then uses loc to  
?X: determine the location of commonly used programs. It leaves loc sitting  
?X: around for other Configure units to use, but arranges for its demise  
?X: at the end of Configure.  
?X:

?X: To add a new program to find, add it both to the ?MAKE: line and to either

?X: the loclist or trylist variable.

?X:

?X: I put startsh at the end of the dependency list, in order to avoid the

?X: loading of the spitshell unit before the instructions.

?X:

```
?MAKE:Loc awk ar bash bison byacc cat chgrp chmod chown \  
comm compress cp cpio cpp csh date echo egrep emacs expr find flex \  
gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \  
make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \  
shar sleep smail sort submit tail tar tbl tee test touch tr troff \  
uname uniq uuname vi zcat zip: eunicefix n c startsh Instruct sysroot
```

```
?MAKE: -pick weed $@ %<
```

```
?LINT:describe awk ar bash bison byacc cat chgrp chmod chown \  
comm compress cp cpio cpp csh date echo egrep emacs expr find flex \  
gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \  
make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \  
shar sleep smail sort submit tail tar tbl tee test touch tr troff \  
uname uniq uuname vi zcat zip
```

```
?V::pth loclist trylist
```

```
?F:./loc test_h
```

```
?T:thisthing thing xxx dir file say _test DJGPP
```

```
?LINT:change PATH _egrep _ln _make _less
```

```
?LINT:extern _exe
```

```
: find out where common programs are
```

```
echo " "
```

```
echo "Locating common programs..." >&4
```

```
cat <<EOOSC >loc
```

```
$startsh
```

```
case $# in
```

```
0) exit 1;;
```

```
esac
```

```
thing=${1}
```

```
shift
```

```
dflt=${1}
```

```
shift
```

```
for dir in $*; do
```

```
case "$thing" in
```

```
.)
```

```
if test -d $dir/$thing; then
```

```
echo $dir
```

```
exit 0
```

```
fi
```

```
::
```

```
*)
```

?X: Be careful in case thing includes wildcards that might expand to multiple

?X: files. Choose the last one. This happens when searching for shared

?X: libraries with version numbers. How to choose which one we want is

?X: probably an insoluble problem, in general.

?X: Some folks leave things like libc.so.orig around w/o read

?X: permission. A -r test would handle that, but since ./loc is

?X: also used to find executables (which are installed w/o read

?X: permission on SCO ODT 3.0, we can't include the -r test.

?X: If you need to use an \_exe that is different from .exe

?X: you need to set it in Head.U.

```

for thisthing in \${dir}/${thing}; do
: just loop through to pick last item
done
if test -f \${thisthing}; then
echo \${thisthing}
exit 0
elif test "X$_exe" != X -a -f \${thisthing}$_exe; then
echo \${thisthing}
exit 0
elif test -f \${dir}/${thing}.exe; then
if test -n "$DJGPP"; then
echo \${dir}/${thing}.exe
elif test "$eunicefix" != ":"; then
: on Eunice apparently
echo \${dir}/${thing}
fi
exit 0
fi
;;
esac
done
echo \${dflt}
exit 1
EOSC
chmod +x loc
$eunicefix loc
loclist=""
?awk:awk
?cat:cat
?chgrp:chgrp
?chmod:chmod
?chown:chown
?comm:comm
?cp:cp
?echo:echo
?expr:expr
?find:find
?grep:grep
?ls:ls
?mkdir:mkdir
?mv:mv

```

?rm:rm  
?sed:sed  
?sleep:sleep  
?sort:sort  
?tail:tail  
?touch:touch  
?tr:tr  
?uniq:uniq  
"  
trylist="  
?Mcc:Mcc  
?ar:ar  
?bash:bash  
?bison:bison  
?byacc:byacc  
?compress:compress  
?cpio:cpio  
?cpp:cpp  
?csh:csh  
?date:date  
?egrep:egrep  
?emacs:emacs  
?flex:flex  
?gmake:gmake  
?gzip:gzip  
?inews:inews  
?ksh:ksh  
?less:less  
?line:line  
?lint:lint  
?ln:ln  
?lp:lp  
?lpr:lpr  
?mail:mail  
?mailx:mailx  
?make:make  
?more:more  
?nm:nm  
?nroff:nroff  
?perl:perl  
?pg:pg  
?pmake:pmake  
?pr:pr  
?rmail:rmail  
?sendmail:sendmail  
?shar:shar  
?smail:smail  
?submit:submit



```

?tar:tar
?tbl:tbl
?tee:tee
?test:test
?troff:troff
?uname:uname
?uuname:uuname
?vi:vi
?zcat:zcat
?zip:zip
"
?LINT:set awk ar bash bison byacc cat chgrp chmod chown \
comm compress cp cpio cpp csh date echo emacs expr find flex \
gmake gzip grep inews ksh line lint lp lpr ls mail mailx \
mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
shar sleep smail sort submit tail tar tbl tee touch tr troff \
uname uniq uuname vi zcat zip
pth=`echo $PATH | sed -e "s/$p_/ /g"`
pth="$pth $sysroot/lib $sysroot/usr/lib"
for file in $loclist; do
?X:
?X: Allow them to -Dmake=pmake on the command line for instance...
?X: If the file is not fully qualified, as in -Dmake=pmake, then we
?X: look the for the specified command (pmake here). If they say
?X: -Dmake=/sbin/make for instance, then we make sure the file
?X: exists, or we die...
?X:
eval xxx=\$$file
case "$xxx" in
/*|?:[\\/]*)
if test -f "$xxx"; then
: ok
else
echo "WARNING: no $xxx -- ignoring your setting for $file." >&4
xxx=`./loc $file $file $pth`
fi
;;
*) xxx=`./loc $file $file $pth`;
*) xxx=`./loc $xxx $xxx $pth`;
esac
eval $file=$xxx$_exe
eval _$file=$xxx
case "$xxx" in
/*|?:[\\/]*)
echo $file is in $xxx.
;;
?X: Under OS/2, we have PC-like paths
?:[\\/]*)

```

```

echo $file is in $xxx.
;;
*)
echo "I don't know where '$file' is, and my life depends on it." >&4
echo "Go find a public domain implementation or fix your PATH setting!" >&4
exit 1
;;
esac
done
echo " "
echo "Don't worry if any of the following aren't found..."
say=offhand
for file in $trylist; do
?X: Allow them to -Dmake=pmake on the command line for instance (see above)
eval xxx=\$$file
case "$xxx" in
/*|?:[\\]*)
if test -f "$xxx"; then
: ok
else
echo "WARNING: no $xxx -- ignoring your setting for $file." >&4
xxx=`./loc $file $file $pth`
fi
;;
") xxx=`./loc $file $file $pth`;
*) xxx=`./loc $xxx $xxx $pth`;
esac
eval $file=$xxx$_exe
eval $_$file=$xxx
case "$xxx" in
/*)
echo $file is in $xxx.
;;
?X: Under OS/2, we have PC-like paths
?:[\\]*)
echo $file is in $xxx.
;;
*)
echo "I don't see $file out there, $say."
say=either
;;
esac
done
case "$egrep" in
egrep)
echo "Substituting grep for egrep."
egrep=$grep
_egrep=$grep

```

```

;;
esac
@if less
case "$less" in
") ;;
*) if $less -R </dev/null >/dev/null 2>&1; then
    echo "Substituting less -R for less."
    less="$less -R"
    _less=$less
fi
;;
esac
@end
@if ln
case "$ln" in
ln)
    echo "Substituting cp for ln."
    ln=$cp
    _ln=$cp
;;
esac
@end
@if make || gmake
case "$make" in
make)
case "$gmake" in
gmake)
    echo "I can't find make or gmake, and my life depends on it." >&4
    echo "Go find a public domain implementation or fix your PATH setting!" >&4
    exit 1
;;
esac
;;
esac
case "$gmake" in
gmake) ;;
*) # We can't have osname yet.
if test -f "/system/gnu_library/bin/ar.pm"; then # Stratus VOS
# Assume that gmake, if found, is definitely GNU make
# and prefer it over the system make.
echo "Substituting gmake for make."
make=$gmake
_make=$gmake
fi
;;
esac
@end
case "$test" in

```

```

test)
echo "Hopefully test is built into your sh."
;;
*)
if `sh -c "PATH= test true" >/dev/null 2>&1`; then
echo "Using the test built into your sh."
?X:
?X: We need to set both test and _test, since Oldconfig.U will use the _test
?X: value to systematically restore computed paths, which may be wrong if
?X: we choose to load an old config.sh generated on another platform.
?X:
test=test
_test=test
fi
;;
esac
?LINT:change n c
case "$echo" in
echo)
echo "Hopefully echo is built into your sh."
;;
?X: For those rare cases where we don't need $echo...
") ;;
*)
echo " "
echo "Checking compatibility between $echo and builtin echo (if any)..." >&4
$echo $n "hi there$c" >foo1
echo $n "hi there$c" >foo2
if cmp foo1 foo2 >/dev/null 2>&1; then
echo "They are compatible. In fact, they may be identical."
else
case "$n" in
'-n') n=" c='\c';;
*) n='-n' c="";;
esac
cat <<FOO

```

They are not compatible! You are probably running ksh on a non-USG system. I'll have to use \$echo instead of the builtin, since Bourne shell doesn't have echo built in and we may have to run some Bourne shell scripts. That means I'll have to use '\$n\$c' to suppress newlines now. Life is ridiculous.

```

FOO
$echo $n "The star should be here-->$c"
$echo "*"
fi
$rm -f foo1 foo2
;;
esac

```

?X: The next part is irrelevant to the real process  
# This question was auctioned at YAPC::Europe-2007 in Vienna  
# I never promised you could answer it. I only auctioned the question.  
cat <<FOO  
The following message is sponsored by

Dresden.pm<--The stars should be here.

Dear Perl user, system administrator or package  
maintainer, the Perl community sends greetings to  
you. Do you (emblematical) greet back [Y/n]? n

FOO

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-  
5.30.0/U/modified/Loc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_statvfs d\_fstatvfs: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_statvfs:

?S: This variable conditionally defines the HAS\_STATVFS symbol, which

?S: indicates to the C program that the statvfs() routine is available.

?S:.

?S:d\_fstatvfs:

?S: This variable conditionally defines the HAS\_FSTATVFS symbol, which

?S: indicates to the C program that the fstatvfs() routine is available.

?S:.

?C:HAS\_STATVFS:

?C: This symbol, if defined, indicates that the statvfs routine is

?C: available to stat filesystems by filenames.

?C:.

?C:HAS\_FSTATVFS:

?C: This symbol, if defined, indicates that the fstatvfs routine is

?C: available to stat filesystems by file descriptors.

?C:.

?H:#\$d\_statvfs HAS\_STATVFS /\*\*/

?H:#\$d\_fstatvfs HAS\_FSTATVFS /\*\*/

?H:.

```
?LINT:set d_statvfs
?LINT:set d_fstatvfs
: see if statvfs exists
set statvfs d_statvfs
eval $inlibc
```

```
: see if fstatvfs exists
set fstatvfs d_fstatvfs
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_statvfs.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_flock.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_flock.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:05 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_flock: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_flock:
```

```
?S: This variable conditionally defines HAS_FLOCK if flock() is
```

```
?S: available to do file locking.
```

```
?S:.
```

```
?C:HAS_FLOCK (FLOCK):
```

```
?C: This symbol, if defined, indicates that the flock routine is
```

```
?C: available to do file locking.
```

```
?C:.
```

```
?H:#$d_flock HAS_FLOCK /**/
```

```
?H:.
```

```
?LINT:set d_flock
```

```
: see if flock exists
```

```
set flock d_flock
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/d\_flock.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getservbyname_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getservbyname_r getservbyname_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getservbyname_r:
?S: This variable conditionally defines the HAS_GETSERVBYNAME_R symbol,
?S: which indicates to the C program that the getservbyname_r()
?S: routine is available.
?S:.
?S:getservbyname_r_proto:
?S: This variable encodes the prototype of getservbyname_r.
?S: It is zero if d_getservbyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyname_r
?S: is defined.
?S:.
?C:HAS_GETSERVBYNAME_R:
?C: This symbol, if defined, indicates that the getservbyname_r routine
?C: is available to getservbyname re-entrantly.
?C:.
?C:GETSERVBYNAME_R_PROTO:
?C: This symbol encodes the prototype of getservbyname_r.
?C: It is zero if d_getservbyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyname_r
?C: is defined.
?C:.
?H:#$d_getservbyname_r HAS_GETSERVBYNAME_R /**/
?H:#define GETSERVBYNAME_R_PROTO $getservbyname_r_proto /**/
?H:.
?T:try hdrs d_getservbyname_r_proto
: see if getservbyname_r exists
set getservbyname_r d_getservbyname_r
eval $inlibc
case "$d_getservbyname_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getservbyname_r_proto:$usethreads" in
":define") d_getservbyname_r_proto=define
set d_getservbyname_r_proto getservbyname_r $hdrs
```

```

eval $hasproto ;;
*) ;;
esac
case "$d_getservbyname_r_proto" in
define)
case "$getservbyname_r_proto" in
"|0) try='int getservbyname_r(const char*, const char*, struct servent*, char*, size_t, struct servent**);'
./protochk "$extern_C $try" $hdrs && getservbyname_r_proto=I_CCSBWR ;;
esac
case "$getservbyname_r_proto" in
"|0) try='struct servent* getservbyname_r(const char*, const char*, struct servent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getservbyname_r_proto=S_CCSBI ;;
esac
case "$getservbyname_r_proto" in
"|0) try='int getservbyname_r(const char*, const char*, struct servent*, struct servent_data*);'
./protochk "$extern_C $try" $hdrs && getservbyname_r_proto=I_CCSD ;;
esac
case "$getservbyname_r_proto" in
"|0) d_getservbyname_r=undef
getservbyname_r_proto=0
echo "Disabling getservbyname_r, cannot determine prototype." >&4 ;;
*) case "$getservbyname_r_proto" in
REENTRANT_PROTO*) ;;
*) getservbyname_r_proto="REENTRANT_PROTO_${getservbyname_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "getservbyname_r has no prototype, not using it." >&4 ;;
esac
d_getservbyname_r=undef
getservbyname_r_proto=0
;;
esac
;;
*) getservbyname_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getservbyname_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_socket.U,v 3.0.1.2 1997/02/28 15:46:00 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi



?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: d\_socket.U,v \$  
?RCS: Revision 3.0.1.2 1997/02/28 15:46:00 ram  
?RCS: patch61: replaced .a with \$\_a all over the place  
?RCS:  
?RCS: Revision 3.0.1.1 1994/01/24 14:08:04 ram  
?RCS: patch16: can now safely declare private nm\_extract in dependencies  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:07:26 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_socket d\_oldsock d\_sockpair socketlib sockethdr \  
d\_msg\_trunc d\_msg\_dontroute d\_msg\_oob d\_msg\_peek d\_msg\_proxy \  
d\_scm\_rights d\_sockaddr\_sa\_len d\_sockaddr\_in6 d\_sin6\_scope\_id \  
d\_ip\_mreq d\_ip\_mreq\_source d\_ipv6\_mreq d\_ipv6\_mreq\_source: \  
contains echo n c ar nm nm\_opt nm\_extract Inlibc Csym\_a \  
Compile cat rm\_try Setvar Hasfield sysroot  
?MAKE: -pick add \$@ %<  
?S:d\_socket:  
?S: This variable conditionally defines HAS\_SOCKET, which indicates  
?S: that the BSD socket interface is supported.  
?S:.  
?S:d\_sockpair:  
?S: This variable conditionally defines the HAS\_SOCKETPAIR symbol, which  
?S: indicates that the BSD socketpair() is supported.  
?S:.  
?S:d\_oldsock:  
?S: This variable conditionally defines the OLDSOCKET symbol, which  
?S: indicates that the BSD socket interface is based on 4.1c and not 4.2.  
?S:.  
?S:d\_msg\_trunc:  
?S: This variable conditionally defines the HAS\_MSG\_CTRUNC symbol,  
?S: which indicates that the MSG\_CTRUNC is available. #ifdef is  
?S: not enough because it may be an enum, glibc has been known to do this.  
?S:.  
?S:d\_msg\_dontroute:  
?S: This variable conditionally defines the HAS\_MSG\_DONTRROUTE symbol,  
?S: which indicates that the MSG\_DONTRROUTE is available. #ifdef is  
?S: not enough because it may be an enum, glibc has been known to do this.  
?S:.  
?S:d\_msg\_oob:  
?S: This variable conditionally defines the HAS\_MSG\_OOB symbol,

?S: which indicates that the MSG\_OOB is available. #ifdef is  
?S: not enough because it may be an enum, glibc has been known to do this.  
?S:.  
?S:d\_msg\_peek:  
?S: This variable conditionally defines the HAS\_MSG\_PEEK symbol,  
?S: which indicates that the MSG\_PEEK is available. #ifdef is  
?S: not enough because it may be an enum, glibc has been known to do this.  
?S:.  
?S:d\_msg\_proxy:  
?S: This variable conditionally defines the HAS\_MSG\_PROXY symbol,  
?S: which indicates that the MSG\_PROXY is available. #ifdef is  
?S: not enough because it may be an enum, glibc has been known to do this.  
?S:.  
?S:d\_scm\_rights:  
?S: This variable conditionally defines the HAS\_SCM\_RIGHTS symbol,  
?S: which indicates that the SCM\_RIGHTS is available. #ifdef is  
?S: not enough because it may be an enum, glibc has been known to do this.  
?S:.  
?S:d\_sockaddr\_sa\_len:  
?S: This variable conditionally defines the HAS\_SOCKADDR\_SA\_LEN symbol,  
?S: which indicates that a struct sockaddr structure has the sa\_len  
?S: member.  
?S:.  
?S:d\_sockaddr\_in6:  
?S: This variable conditionally defines the HAS\_SOCKADDR\_IN6 symbol, which  
?S: indicates the availability of a struct sockaddr\_in6.  
?S:.  
?S:d\_sin6\_scope\_id:  
?S: This variable conditionally defines the HAS\_SIN6\_SCOPE\_ID symbol, which  
?S: indicates that a struct sockaddr\_in6 structure has the sin6\_scope\_id  
?S: member.  
?S:.  
?S:d\_ip\_mreq:  
?S: This variable conditionally defines the HAS\_IP\_MREQ symbol, which  
?S: indicates the availability of a struct ip\_mreq.  
?S:.  
?S:d\_ip\_mreq\_source:  
?S: This variable conditionally defines the HAS\_IP\_MREQ\_SOURCE symbol,  
?S: which indicates the availability of a struct ip\_mreq\_source.  
?S:.  
?S:d\_ipv6\_mreq:  
?S: This variable conditionally defines the HAS\_IPV6\_MREQ symbol, which  
?S: indicates the availability of a struct ipv6\_mreq.  
?S:.  
?S:d\_ipv6\_mreq\_source:  
?S: This variable conditionally defines the HAS\_IPV6\_MREQ\_SOURCE symbol,  
?S: which indicates the availability of a struct ipv6\_mreq\_source.  
?S:.

?S:socketlib:

?S: This variable has the names of any libraries needed for socket support.

?S:.

?S:sockethdr:

?S: This variable has any cpp '-I' flags needed for socket support.

?S:.

?C:HAS\_SOCKET (SOCKET):

?C: This symbol, if defined, indicates that the BSD socket interface is

?C: supported.

?C:.

?C:HAS\_SOCKETPAIR (SOCKETPAIR):

?C: This symbol, if defined, indicates that the BSD socketpair() call is

?C: supported.

?C:.

?C:USE\_OLD\_SOCKET (OLDSOCKET):

?C: This symbol, if defined, indicates that the 4.1c BSD socket interface

?C: is supported instead of the 4.2/4.3 BSD socket interface. For instance,

?C: there is no setsockopt() call.

?C:.

?C:HAS\_MSG\_CTRUNC:

?C: This symbol, if defined, indicates that the MSG\_CTRUNC is supported.

?C: Checking just with #ifdef might not be enough because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS\_MSG\_DONTROUTE:

?C: This symbol, if defined, indicates that the MSG\_DONTROUTE is supported.

?C: Checking just with #ifdef might not be enough because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS\_MSG\_OOB:

?C: This symbol, if defined, indicates that the MSG\_OOB is supported.

?C: Checking just with #ifdef might not be enough because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS\_MSG\_PEEK:

?C: This symbol, if defined, indicates that the MSG\_PEEK is supported.

?C: Checking just with #ifdef might not be enough because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS\_MSG\_PROXY:

?C: This symbol, if defined, indicates that the MSG\_PROXY is supported.

?C: Checking just with #ifdef might not be enough because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS\_SCM\_RIGHTS:

?C: This symbol, if defined, indicates that the SCM\_RIGHTS is supported.

?C: Checking just with #ifdef might not be enough because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS\_SOCKETADDR\_SA\_LEN:

?C: This symbol, if defined, indicates that the struct sockaddr

?C: structure has a member called sa\_len, indicating the length of

?C: the structure.

?C:.

?C:HAS\_SOCKETADDR\_IN6:

?C: This symbol, if defined, indicates the availability of

?C: struct sockaddr\_in6;

?C:.

?C:HAS\_SIN6\_SCOPE\_ID:

?C: This symbol, if defined, indicates that the struct sockaddr\_in6

?C: structure has a member called sin6\_scope\_id.

?C:.

?C:HAS\_IP\_MREQ:

?C: This symbol, if defined, indicates the availability of

?C: struct ip\_mreq;

?C:.

?C:HAS\_IP\_MREQ\_SOURCE:

?C: This symbol, if defined, indicates the availability of

?C: struct ip\_mreq\_source;

?C:.

?C:HAS\_IPV6\_MREQ:

?C: This symbol, if defined, indicates the availability of

?C: struct ipv6\_mreq;

?C:.

?C:HAS\_IPV6\_MREQ\_SOURCE:

?C: This symbol, if defined, indicates the availability of

?C: struct ipv6\_mreq\_source;

?C:.

?H:#\$d\_socket HAS\_SOCKET /\*\*/

?H:#\$d\_sockpair HAS\_SOCKETPAIR /\*\*/

?H:#\$d\_sockaddr\_sa\_len HAS\_SOCKETADDR\_SA\_LEN /\*\*/

?H:#\$d\_oldsock USE\_OLD\_SOCKET /\*\*/

?H:#\$d\_msg\_ctrunc HAS\_MSG\_CTRUNC /\*\*/

?H:#\$d\_msg\_dontroute HAS\_MSG\_DONTROUTE /\*\*/

?H:#\$d\_msg\_oob HAS\_MSG\_OOB /\*\*/

?H:#\$d\_msg\_peek HAS\_MSG\_PEEK /\*\*/

?H:#\$d\_msg\_proxy HAS\_MSG\_PROXY /\*\*/

?H:#\$d\_scm\_rights HAS\_SCM\_RIGHTS /\*\*/

?H:#\$d\_sockaddr\_in6 HAS\_SOCKETADDR\_IN6 /\*\*/

?H:#\$d\_sin6\_scope\_id HAS\_SIN6\_SCOPE\_ID /\*\*/

?H:#\$d\_ip\_mreq HAS\_IP\_MREQ /\*\*/

?H:#\$d\_ip\_mreq\_source HAS\_IP\_MREQ\_SOURCE /\*\*/

?H:#\$d\_ipv6\_mreq HAS\_IPV6\_MREQ /\*\*/

?H:#\$d\_ipv6\_mreq\_source HAS\_IPV6\_MREQ\_SOURCE /\*\*/

?H:.

?T:val net ENUM enum

```

?LINT:set d_sockpair d_sockaddr_sa_len
?LINT:set d_msg_trunc d_msg_dontroute d_msg_oob d_msg_peek d_msg_proxy
?LINT:set d_scm_rights d_sockaddr_in6 d_sin6_scope_id d_ip_mreq
?LINT:set d_ip_mreq_source d_ipv6_mreq d_ipv6_mreq_source
: see whether socket exists
socketlib=""
sockethdr=""
echo " "
$echo $n "Hmm... $c" >&4
if set socket val -f d_socket; eval $sym; $val; then
    echo "Looks like you have Berkeley networking support." >&4
    d_socket="$define"
?X: now check for advanced features
    if set setsockopt val -f; eval $sym; $val; then
d_oldsock="$undef"
        else
echo "...but it uses the old BSD 4.1c interface, rather than 4.2." >&4
d_oldsock="$define"
            fi
        else
?X: HP-UX, for one, puts all the socket stuff in socklib.o. Note that if we
?X: come here on HP-UX, then we must have used nm to get symbols, or we really
?X: don't have sockets anyway...
            if $contains socklib libc.list >/dev/null 2>&1; then
echo "Looks like you have Berkeley networking support." >&4
d_socket="$define"
: we will have to assume that it supports the 4.2 BSD interface
d_oldsock="$undef"
                else
echo "You don't have Berkeley networking in libc$_a..." >&4
?X: look for optional networking libraries
if test "X$d_socket" = "X$define"; then
                    echo "...but you seem to believe that you have sockets." >&4
                else
                    for net in net socket
                    do
if test -f $sysroot/usr/lib/lib$net$_a; then
?X: space between two '(' needed for ksh
                        ( ( $nm $nm_opt $sysroot/usr/lib/lib$net$_a | eval $nm_extract ) || \
$& r t $sysroot/usr/lib/lib$net$_a 2>/dev/null >> libc.list
if $contains socket libc.list >/dev/null 2>&1; then
d_socket="$define"
socketlib="-l$net"
case "$net" in
net)
echo "...but the Wollongong group seems to have hacked it in." >&4
sockethdr="-I$sysroot/usr/netinclude"
;;

```

```

esac
echo "Found Berkeley sockets interface in lib$net." >&4
?X: now check for advanced features
if $contains setsockopt libc.list >/dev/null 2>&1; then
    d_oldsock="$undef"
else
    echo "...using the old BSD 4.1c interface, rather than 4.2." >&4
    d_oldsock="$define"
fi
break
fi
fi
done
if test "X$d_socket" != "X$define"; then
    echo "or anywhere else I see." >&4
    d_socket="$undef"
    d_oldsock="$undef"
fi
fi
fi
fi

```

```

@if HAS_SOCKETPAIR || d_socketpair
: see if socketpair exists
set socketpair d_socketpair
eval $inlibc

```

```
@end
```

```

echo " "
?X: ...
echo "Checking the availability sa_len in the sock struct ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
int main() {
struct sockaddr sa;
return (sa.sa_len);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_sockaddr_sa_len; eval $setvar
$rm_try

echo " "

```

```

?X: ...
echo "Checking the availability struct sockaddr_in6 ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct sockaddr_in6 sin6;
return (sin6.sin6_family);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_sockaddr_in6; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability sin6_scope_id in struct sockaddr_in6 ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct sockaddr_in6 sin6;
return (sin6.sin6_scope_id);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_sin6_scope_id; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct ip_mreq ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ip_mreq mreq;
return (mreq.imr_multiaddr.s_addr);
}

```

```

EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_ip_mreq; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct ip_mreq_source ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ip_mreq_source mreq;
return (mreq.imr_multiaddr.s_addr);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_ip_mreq_source; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct ipv6_mreq ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ipv6_mreq mreq;
return (mreq.ipv6mr_interface);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_ipv6_mreq; eval $setvar
$rm_try

echo " "
?X: ...

```



```

echo "Checking the availability struct ipv6_mreq_source ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ipv6_mreq_source mreq;
return (mreq.imr_multiaddr.s_addr);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_ipv6_mreq_source; eval $setvar
$rm_try

echo " "
?X: these constants are known to be troublesomely defined as enums
?X: so that ifdef will not work for detecting their presence.
echo "Checking the availability of certain socket constants..." >&4
for ENUM in MSG_CTRUNC MSG_DONTROUTE MSG_OOB MSG_PEEK MSG_PROXY SCM_RIGHTS; do
    enum=`$echo $ENUM|./tr '[A-Z]' '[a-z]`
    $cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
int main() {
    int i = $ENUM;
}
EOF
    val="$undef"
    set try; if eval $compile; then
    val="$define"
    fi
    set d_${enum}; eval $setvar
    $rm_try
done

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_socket.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_memory.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_memory.U,v \$

?RCS: Revision 3.0.1.3 1994/06/20 07:01:55 ram

?RCS: patch30: cosmetic changes

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:23:56 ram

?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:02:25 ram

?RCS: patch23: avoid conflicts with <string.h>

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:22 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_memory: Inhdr strings cppstdin cppflags cppminus contains rm Setvar

?MAKE: -pick add \$@ %<

?S:i\_memory:

?S: This variable conditionally defines the I\_MEMORY symbol, and indicates

?S: whether a C program should include <memory.h>.

?S:.

?C:I\_MEMORY:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <memory.h>.

?C:.

?H:#\$i\_memory I\_MEMORY /\*\*/

?H:.

?LINT:set i\_memory

?X:

?X: Unfortunately, the definitions of memory functions sometimes

?X: conflict with those in <string.h>. We'll assume that if

?X: <string.h> contains memcpy, then we don't need memory.h

?X:

: see if memory.h is available.

val="

set memory.h val

eval \$inhdr

: See if it conflicts with string.h

case "\$val" in

\$define)

case "\$strings" in

") ;;

\*)

\$cppstdin \$cppflags \$cppminus < \$strings > mem.h

```
if $contains 'memcpy' mem.h >/dev/null 2>&1; then
  echo " "
  echo "We won't be including <memory.h>."
  val="$undef"
fi
$rm -f mem.h
;;
esac
esac
set i_memory
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_memory.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Config\_h.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Config\_h.U,v \$

?RCS: Revision 3.0.1.5 1997/02/28 14:57:43 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0.1.4 1995/09/25 09:10:49 ram

?RCS: patch59: commented the purpose of the #un-def directive

?RCS:

?RCS: Revision 3.0.1.3 1995/01/30 14:25:39 ram

?RCS: patch49: typo fixes in leading config.h comment (WED)

?RCS:

?RCS: Revision 3.0.1.2 1993/08/24 12:13:20 ram

?RCS: patch3: added TOP as a local shell temporary variable

?RCS:

?RCS: Revision 3.0.1.1 1993/08/19 06:42:20 ram

?RCS: patch1: leading config.sh searching was not aborting properly

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:47 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This file ends up producing the config\_h.SH script, which is run to produce

?X: the config.h file. The file ./Config\_h below contains all the ?H: lines

?X: extracted out of all the units. Metaconfig itself adds the !GROK!THIS!.

?X: Note that this code isn't included into Configure, but must be shipped with.

?X:

?X: For those who wish to know why the file is config\_h.SH instead of the more

?X: natural config.h.SH, well... it is to support systems like MS-DOG. Only one

?X: 'dot' is allowed within the file name, as it is part of the "extension" of

?X: the file. MS-DOG will not let you have two 'dots' because that would mean

?X: two "extensions".

?X:

```

?MAKE:Config_h: Id End Config_sh Obsol_h myuname cf_time cf_by package src
?MAKE: -pick c_h_weed $@ %<
?MAKE: -pick c_h_weed $@ ./Config_h
?MAKE: -pick c_h_weed $@ ./Obsol_h
?T:PERL_CONFIG_SH TOP
?LINT:unclosed !GROK!THIS!
?LINT:extern CONFIG_H CONFIG_SH
?LINT:change CONFIG_H CONFIG_SH
?X:?LINT:nocomment
: Set up for generating config_h.SH
case "$CONFIG_SH" in
") CONFIG_SH=config.sh;;
esac
case "$CONFIG_H" in
") CONFIG_H=config.h;;
esac
case $PERL_CONFIG_SH in
")
if test -f $CONFIG_SH; then TOP=.;
elif test -f ../$CONFIG_SH; then TOP=..;
elif test -f ../../$CONFIG_SH; then TOP=../../;
elif test -f ../../../$CONFIG_SH; then TOP=../../../;
elif test -f ../../../../$CONFIG_SH; then TOP=../../../../;
else
echo "Can't find $CONFIG_SH."; exit 1
fi
. $TOP/$CONFIG_SH
;;
esac
?X: Make sure we are in the directory where the .SH file is located.
case "$0" in
*/*) cd `expr X$0 : 'X\(.*/\)'` ;;
esac
echo "Extracting $CONFIG_H (with variable substitutions)"
?X:
?X: Since we unconditionally translate leading #undef into /*#define, we're
?X: stuck when we really want to have a #undef in $CONFIG_H. That's why there
?X: is provision here for #un-def, which is translated back into #undef after

```

```

?X: all original #undef have been processed.
?X:
?X: Previously, we changed all
?X: #undef FOO /**/
?X: into
?X: /*#define FOO /**/
?X: The xlc compiler (available on IBM's AIX) complains that this is
?X: an illegal attempt to write a nested comment, and warns against it.
?X: There's apparently no way to shut the compiler up, either.
?X: This sed command from Hallvard B Furuseth <h.b.furuseth@usit.uio.no>
?X: changes it to
?X: /*#define FOO / **/
sed <<!GROK!THIS!>$CONFIG_H -e 's!^#undef(.*)\!\!/*#define\1 \!' -e 's!^#un-def!#undef!'
/* This file was produced by running the config_h.SH script, which
* gets its values from $CONFIG_SH, which is generally produced by
* running Configure.
*
* Feel free to modify any of this as the need arises. Note, however,
* that running config_h.SH again will wipe out any changes you've made.
* For a more permanent change edit $CONFIG_SH and rerun config_h.SH.
*/

/* Package name   : $package
* Source directory : $src
* Configuration time: $cf_time
* Configured by   : $cf_by
* Target system   : $myuname
*/

#ifdef _config_h_
#define _config_h_

Found in path(s):
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/modified/Config_h.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: usrinc.U,v 1.1 2000/06/27 00:20:28 jhi Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: usrinc.U,v $

```

?RCS: Revision 1.1 2000/06/27 00:20:28 jhi

?RCS: Initial revision

?RCS:

?RCS: Revision 3.0.1.3 1997/02/28 16:27:12 ram

?RCS: patch61: don't ask for the include path unless they are on a MIPS

?RCS:

?RCS: Revision 3.0.1.2 1995/05/12 12:24:36 ram

?RCS: patch54: ensure that ./mips always exists (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:18:31 ram

?RCS: patch23: ensure usrinc value is preserved across sessions (WED)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:58 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:usrinc incpath mips\_type: test cat echo n c Getfile Guess \  
 Oldconfig eunicefix contains rm sysroot cc

?MAKE: -pick add \$@ %<

?S:usrinc:

?S: This variable holds the path of the include files, which is

?S: usually /usr/include. It is mainly used by other Configure units.

?S:.

?S:incpath:

?S: This variable must precede the normal include path to get the

?S: right one, as in "\$incpath/usr/include" or "\$incpath/usr/lib".

?S: Value can be "" or "/bsd43" on mips.

?S:.

?S:mips\_type:

?S: This variable holds the environment type for the mips system.

?S: Possible values are "BSD 4.3" and "System V".

?S:.

?D:usrinc='/usr/include'

?LINT:extern cppflags

?LINT:create mips

?T:xxx\_prompt

?F:./mips

: What should the include directory be ?

: Use sysroot if set, so findhdr looks in the right place.

echo " "

\$echo \$n "Hmm... \$c"

dflt="\$sysroot/usr/include"

incpath=""

?X: mips\_type is used later, to add -DSYSTYPE\_BSD43 to cppflags if needed.

mips\_type=""

?X:

?X: Cannot put the following in Guess, or we get a circular dependency.

?X:

if \$test -f /bin/mips && /bin/mips; then

```

echo "Looks like a MIPS system..."
$cat >usr.c <<'EOCP'
#ifdef SYSTYPE_BSD43
/bsd43
#endif
EOCP
if $cc $cppflags -E usr.c > usr.out && $contains / usr.out >/dev/null 2>&1; then
dflt='/bsd43/usr/include'
incpath='/bsd43'
mips_type='BSD 4.3'
else
mips_type='System V'
fi
$rm -f usr.c usr.out
echo "and you're compiling with the $mips_type compiler and libraries."
xxx_prompt=y
echo "exit 0" >mips
else
echo "Doesn't look like a MIPS system."
xxx_prompt=n
echo "exit 1" >mips
fi
chmod +x mips
$unicefix mips
case "$usrinc" in
") ;;
*) dflt="$usrinc";;
esac
case "$xxx_prompt" in
y) fn=d/
echo " "
rp='Where are the include files you want to use?'
./getfile
usrinc="$ans"
;;
*) usrinc="$dflt"
;;
esac

Found in path(s):
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/usrinc.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:

```

?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?MAKE:d\_\_fwalk: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_\_fwalk:  
?S: This variable conditionally defines HAS\_\_FWALK if \_fwalk() is  
?S: available to apply a function to all the file handles.  
?S:.  
?C:HAS\_\_FWALK:  
?C: This symbol, if defined, indicates that the \_fwalk system call is  
?C: available to apply a function to all the file handles.  
?C:.  
?H:#\$d\_\_fwalk HAS\_\_FWALK /\*\*/  
?H:.  
?LINT:set d\_\_fwalk  
: see if \_fwalk exists  
set fwalk d\_\_fwalk  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_\_fwalk.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:i\_quadmath: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_quadmath:  
?S: This variable conditionally defines I\_QUADMATH, which indicates  
?S: to the C program that it should include <quadmath.h>.  
?S:.  
?C:I\_QUADMATH:  
?C: This symbol, if defined, indicates that <quadmath.h> exists and  
?C: should be included.  
?C:.  
?H:#\$i\_quadmath I\_QUADMATH /\*\*/  
?H:.  
?LINT:set i\_quadmath  
: see if this is a quadmath.h system  
set quadmath.h i\_quadmath  
eval \$inhdr



Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_quadmath.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_internet.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_internet.U,v $
?RCS: Revision 3.0.1.1 1993/09/13 16:02:04 ram
?RCS: patch10: most mailers support Internet addresses nowadays (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:24 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_internet: Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_internet:
?S: This variable conditionally defines the INTERNET symbol, which
?S: indicates to the C program that there is a mailer available which
?S: supports internet-style addresses (user@site.domain).
?S:.
?C:INTERNET:
?C: This symbol, if defined, indicates that there is a mailer available
?C: which supports internet-style addresses (user@site.domain).
?C:.
?H:#$d_internet INTERNET /**/
?H:.
?LINT:set d_internet
: check for internet mailer
dflt=y
case "$d_internet" in
"$undef") dflt=n;;
esac
cat <<EOM
```

Most mailers can deliver mail to addresses of the INTERNET persuasion, such as user@host.edu. Some older mailers, however, require the complete path to the destination to be specified in the address.

EOM

rp="Does your mailer understand INTERNET addresses?"

```
./myread
case "$ans" in
y*) val="$define";;
*) val="$undef";;
esac
set d_internet
eval $setvar
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_internet.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_eaccess: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_eaccess:

?S: This variable conditionally defines the HAS\_EACCESS symbol, which

?S: indicates to the C program that the eaccess() routine is available.

?S:.

?C:HAS\_EACCESS :

?C: This symbol, if defined, indicates that the eaccess routine is

?C: available to do extended access checks.

?C:.

?H:#\$d\_eaccess HAS\_EACCESS /\*\*/

?H:.

?LINT:set d\_eaccess

: see if eaccess exists

set eaccess d\_eaccess

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/d\_eaccess.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Loc\_sed.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.

?RCS:

?X: This is used in perl.c.

?MAKE:full\_sed: sed

?MAKE: -pick add \$@ %<

?S:full\_sed:

?S: This variable contains the full pathname to 'sed', whether or

?S: not the user has specified 'portability'. This is only used

?S: in the compiled C program, and we assume that all systems which

?S: can share this executable will have the same full pathname to

?S: 'sed.'

?S:.

?X: Yes, I know about the C symbol PORTABLE, but I think sed

?X: is unlikely to move, and I'm too lazy to add all the

?X: #ifdef PORTABLE sections to the perl source.

?X:

?C:LOC\_SED:

?C: This symbol holds the complete pathname to the sed program.

?C:.

?H:#define LOC\_SED "\$full\_sed" /\*\*/

?H:.

: Store the full pathname to the sed program for use in the C program

full\_sed=\$sed

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Loc\_sed.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:run to from targetarch targetdir targetmkdir targethost targetport \  
usecrosscompile hostperl hostgenerate hostosname targetenv: \  
src test rm echo sed mkdir cp chmod make touch

usecrosscompile hostperl hostgenerate hostosname targetenv: \  
src test rm echo sed mkdir cp chmod make touch

src test rm echo sed mkdir cp chmod make touch

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usecrosscompile:

?S: This variable conditionally defines the USE\_CROSS\_COMPILE symbol,

?S: and indicates that Perl has been cross-compiled.

?S:.

?S:run:

?S: This variable contains the command used by Configure

?S: to copy and execute a cross-compiled executable in the

?S: target host. Useful and available only during Perl build.

?S: Empty string " if not cross-compiling.

?S:.

?S:from:

?S: This variable contains the command used by Configure

?S: to copy files from the target host. Useful and available

?S: only during Perl build.

?S: The string ':' if not cross-compiling.

?S:.

?S:to:

?S: This variable contains the command used by Configure

?S: to copy to from the target host. Useful and available

?S: only during Perl build.

?S: The string ':' if not cross-compiling.

?S:.

?S:targetarch:

?S: If cross-compiling, this variable contains the target architecture.

?S: If not, this will be empty.

?S:.

?S:targetdir:

?S: This variable contains a path that will be created on the target

?S: host using targetmkdir, and then used to copy the cross-compiled

?S: executables to. Defaults to '/tmp' if not set.

?S:.

?S:targetmkdir:

?S: This variable contains the command used by Configure to create a

?S: new directory on the target host.

?S:.

?S:targethost:

?S: This variable contains the name of a separate host machine that

?S: can be used to run compiled test programs and perl tests on.

?S: Set to empty string if not in use.

?S:.

?S:targetport:

?S: This variable contains the number of a network port to be used to

?S: connect to the host in targethost, if unset defaults to 22 for ssh.

?S:.

?S:hostperl:

?S: This variable contains the path to a miniperl binary that can be

?S: run on the host OS when cross-compiling. Useful and available only

?S: during Perl build.

?S: Empty string " if not cross-compiling.

?S:.

?S:hostgenerate:

?S: This variable contains the path to a generate\_uudmap binary that  
 ?S: can be run on the host OS when cross-compiling. Useful and  
 ?S: available only during Perl build.  
 ?S: Empty string " if not cross-compiling.  
 ?S:.  
 ?S:hostname:  
 ?S: This variable contains the original value of '\$^O' for hostperl  
 ?S: when cross-compiling. This is useful to pick the proper tools  
 ?S: when running build code in the host.  
 ?S: Empty string " if not cross-compiling.  
 ?S:.  
 ?S:targetenv:  
 ?S: If cross-compiling, this variable can be used to modify the  
 ?S: environment on the target system.  
 ?S: However, how and where it's used, and even if it's used at all, is  
 ?S: entirely dependent on both the transport mechanism (targetrun) and  
 ?S: what the target system is. Unless the relevant documentation says  
 ?S: otherwise, it is generally not useful.  
 ?S:.  
 ?C:USE\_CROSS\_COMPILE:  
 ?C: This symbol, if defined, indicates that Perl is being cross-compiled.  
 ?C:.  
 ?C:PERL\_TARGETARCH:  
 ?C: This symbol, if defined, indicates the target architecture  
 ?C: Perl has been cross-compiled to. Undefined if not a cross-compile.  
 ?C:.  
 ?H:?%<:#ifndef USE\_CROSS\_COMPILE  
 ?H:?%<:#\$usecrosscompile USE\_CROSS\_COMPILE /\*\*/  
 ?H:?%<:#define PERL\_TARGETARCH "\$targetarch" /\*\*/  
 ?H:?%<:#endif  
 ?H:.  
 ?D:targetenv="  
 ?D:targethost="  
 ?D:targetmkdir="  
 ?T:croak pwd exe f q cwd file xxx env  
 ?LINT:extern usecrosscompile  
 ?LINT:extern cc  
 ?LINT:extern usrinc  
 ?LINT:change ar  
 ?LINT:change nm  
 ?LINT:change ranlib  
 ?LINT:change src  
 ?LINT:extern targetenv  
 ?LINT:extern targetport  
 ?LINT:extern targetdir  
 ?LINT:extern targetuser  
 ?LINT:change targetuser  
 ?LINT:extern targetrun

```

?LINT:extern targetfrom
?LINT:extern targetto
?LINT:change targetrun
?LINT:change targetfrom
?LINT:change targetto
?LINT:extern incpth
?LINT:extern libpth
?LINT:extern locincpth
?LINT:extern loclibpth
?LINT:change locincpth
?LINT:change loclibpth
?LINT:extern hostperl
?LINT:extern hostgenerate
?LINT:extern before_host
?LINT:change before_host
?LINT:extern hostosname
?LINT:extern multiarch
: Check for Cross-Compilation
?X: targethost and targetenv mainly set to allow ?S: documentation
?X: otherwise it could have been declared extern
if $test "X$targethost" = "X"; then
    targethost=""
fi
if $test "X$targetenv" = "X"; then
    targetenv=""
fi
case "$usecrosscompile" in
$define|true|[yY]*)
    $echo "Cross-compiling..."
    croak=""
    case "$cc" in
*-gcc*|*-g++*) # A cross-compiling gcc, probably.
        # arm-linux-androideabi-gcc -> arm-linux-androideabi
        # x86_64-w64-mingw32-gcc.exe -> x86_64-w64-mingw32
        targetarch=`$echo $cc|$sed 's/-g[c+][c+].*$/'^
        ar=`$echo $cc|$sed 's/-g[c+][c+]/-ar/'^
        # leave out ld, choosing it is more complex
        nm=`$echo $cc|$sed 's/-g[c+][c+]/-nm/'^
        ranlib=`$echo $cc|$sed 's/-g[c+][c+]/-ranlib/'^
        # We are in a weird spot. Just before us, some values
        # were 'saved', to be restored after the hints are
        # run. This means that the changes we made to ar,
        # nm and ranlib will get reverted.
        # To avoid that, we hijack the saving mechanism and
        # have it save our new values.
        for file in ar nm ranlib; do
            eval xxx=\$$file
            eval $file=$xxx$_exe

```

```

eval _$file=$xxx
done
;;
esac
case "$targetarch" in
") echo "Targetarch not defined." >&4; croak=y ;;
*) echo "Using targetarch $targetarch." >&4 ;;
esac
case "$targethost" in
") echo "Targethost not defined." >&4; croak=n ;;
*) echo "Using targethost $targethost." >&4
esac
locincpth=''
loclibpth=''
case "$croak" in
y) echo "Cannot continue, aborting." >&4; exit 1 ;;
esac
: compile a host miniperl and generate_uudmap, unless we got passed them
if $test "X$hostperl" = X; then
echo "Building host miniperl and generate_uudmap binaries" >&4
before_host=`pwd`
cd ..
cd $src
src=`pwd`
rm -rf $src/host
mkdir $src/host
cd $src/host
$src/Configure -des -Dusedevel -Dmksymlinks
$make miniperl
case "$hostgenerate" in
") $make generate_uudmap
hostgenerate=$src/host/generate_uudmap
;;
"$undef") hostgenerate="
;;
esac
hostperl=$src/host/miniperl
cd $before_host
fi
hostosname=`$hostperl -le 'print $^O`
;;
*)
usecrosscompile="$undef"
;;
esac

: Define -Dtargethost=somecomputer to run compiled tests on another machine
case "$targethost" in

```

```

") echo "Checking for cross-compile" >&4
case "$susecrosscompile$multiarch" in
  *$define*) echo "Skipping the try tests in the rest of Configure as no targethost was defined when cross-
compiling" >&4
    if [ -f Makefile ]; then
      echo " "
      echo "Now you must ensure config.sh, config.h and the generated headers exist and run a $make."
    else
      echo "Configure done."
    fi
  exit 0
  ;;
*) echo "No targethost for running compiler tests against defined, running locally" >&4
  run="
to=:
from=:
  ;;
esac
  ;;
*) echo "Using targethost $targethost." >&4
case "$src" in
/*) run=$src/Cross/run
  targetmkdir=$src/Cross/mkdir
  to=$src/Cross/to
  from=$src/Cross/from
  ;;
*) pwd=`$test -f ../Configure & cd ..; pwd`
  run=$pwd/Cross/run
  targetmkdir=$pwd/Cross/mkdir
  to=$pwd/Cross/to
  from=$pwd/Cross/from
  ;;
esac
case "$targetrun" in
") targetrun=ssh ;;
esac
case "$targetto" in
") targetto=scp ;;
esac
case "$targetfrom" in
") targetfrom=scp ;;
esac
run=$run-$targetrun
to=$to-$targetto
from=$from-$targetfrom
case "$targetdir" in
") targetdir=/tmp
  echo "Guessing targetdir $targetdir." >&4

```



```

;;
esac
case "$targetuser" in
") targetuser=root
    echo "Guessing targetuser $targetuser." >&4
    ;;
esac
case "$targetport" in
") targetport=22
    echo "Guessing targetport $targetport." >&4
    ;;
esac
case "$targetfrom" in
scp) q=-q ;;
*) q=" " ;;
esac
case "$targetrun" in
ssh|rsh)
    cat >$run <<EOF
#!/bin/sh
env="
case "$1" in
-cwd)
    shift
    cwd=$1
    shift
    ;;
esac
case "$1" in
-env)
    shift
    env=$1
    shift
    ;;
esac
case "$1" in
") cwd=$targetdir ;;
esac
exe=$1
shift
$to $exe
$targetrun -p $targetport -l $targetuser $targethost "cd $1 && $env $exe @$@"
EOF
;;
adb)
    $touch $run
    ;;
*) echo "Unknown targetrun '$targetrun'" >&4

```

```

    exit 1
    ;;
esac
case "$targetmkdir" in
*/Cross/mkdir)
    cat >$targetmkdir <<EOF
#!/bin/sh
$targetrun -p $targetport -l $targetuser $targethost "mkdir -p \$@"
EOF
    $chmod a+rx $targetmkdir
    ;;
*) echo "Unknown targetmkdir '$targetmkdir'" >&4
    exit 1
    ;;
esac
case "$targetto" in
scp|rcp)
    cat >$to <<EOF
#!/bin/sh
for f in \$@
do
case "\$f" in
/*)
    $targetmkdir `dirname \$f`
    $targetto -P $targetport -r \$q \$f $targetuser@$targethost:\$f      2>/dev/null || exit 1
    ;;
*)
    $targetmkdir $targetdir/`dirname \$f`
    $targetto -P $targetport -r \$q \$f $targetuser@$targethost:$targetdir/\$f 2>/dev/null || exit 1
    ;;
esac
done
exit 0
EOF
    ;;
cp) cat >$to <<EOF
#!/bin/sh
for f in \$@
do
case "\$f" in
/*)
    $mkdir -p $targetdir/`dirname \$f`
    $scp \$f $targetdir/\$f || exit 1
    ;;
*)
    $targetmkdir $targetdir/`dirname \$f`
    $scp \$f $targetdir/\$f || exit 1
    ;;

```

```

esac
done
exit 0
EOF
;;
*) echo "Unknown targetto '$targetto'" >&4
    exit 1
;;
esac
case "$targetfrom" in
scp|rcp)
    cat >$from <<EOF
#!/bin/sh
for f in @$
do
    $rm -f $f
    $targetfrom -P $targetport $q $targetuser@$targethost:$targetdir/$f . || exit 1
done
exit 0
EOF
;;
cp) cat >$from <<EOF
#!/bin/sh
for f in @$
do
    $rm -f $f
    cp $targetdir/$f . || exit 1
done
exit 0
EOF
;;
*) echo "Unknown targetfrom '$targetfrom'" >&4
    exit 1
;;
esac
if $test ! -f $run; then
    echo "Target 'run' script '$run' not found." >&4
else
    $chmod a+rx $run
fi
if $test ! -f $to; then
    echo "Target 'to' script '$to' not found." >&4
else
    $chmod a+rx $to
fi
if $test ! -f $from; then
    echo "Target 'from' script '$from' not found." >&4
else

```

```

    $chmod a+rx $from
fi
if $test ! -f $run -o ! -f $to -o ! -f $from; then
    exit 1
fi
cat >&4 <<EOF
Using '$run' for remote execution,
and '$from' and '$to'
for remote file transfer.
EOF
;;
*) run="
to=:
from=:
usecrosscompile="$undef"
targetarch="
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Cross.U

```

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_atolf: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_atolf:

?S: This variable conditionally defines the HAS\_ATOLF symbol, which

?S: indicates to the C program that the atolf() routine is available.

?S:.

?C:HAS\_ATOLF:

?C: This symbol, if defined, indicates that the atolf routine is

?C: available to convert strings into long doubles.

?C:.

?H:#\$d\_atolf HAS\_ATOLF /\*\*/

?H:.

?LINT:set d\_atolf

: see if atolf exists

set atolf d\_atolf

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/atolf.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_stdlib.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_stdlib.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:27 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_stdlib: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_stdlib:

?S: This variable conditionally defines the I\_STDLIB symbol, which

?S: indicates to the C program that <stdlib.h> exists and should

?S: be included.

?S:.

?C:I\_STDLIB:

?C: This symbol, if defined, indicates that <stdlib.h> exists and should

?C: be included.

?C:.

?H:#\$i\_stdlib I\_STDLIB /\*\*/

?H:.

?LINT:set i\_stdlib

: see if stdlib is available

set stdlib.h i\_stdlib

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_stdlib.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_sysconf.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_sysconf.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/29 16:15:57 ram  
?RCS: patch36: created by ADO  
?RCS:  
?MAKE:d\_sysconf: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_sysconf:  
?S: This variable conditionally defines the HAS\_SYSCONF symbol, which  
?S: indicates to the C program that the sysconf() routine is available  
?S: to determine system related limits and options.  
?S:.  
?C:HAS\_SYSCONF:  
?C: This symbol, if defined, indicates that sysconf() is available  
?C: to determine system related limits and options.  
?C:.  
?H:#\$d\_sysconf HAS\_SYSCONF /\*\*/  
?H:.  
?LINT:set d\_sysconf  
: see if sysconf exists  
set sysconf d\_sysconf  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_sysconf.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
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?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: prototype.U,v \$  
?RCS: Revision 3.0.1.3 1994/05/06 15:11:49 ram  
?RCS: patch23: ensure cc flags used when looking for prototype support  
?RCS:  
?RCS: Revision 3.0.1.2 1994/01/24 14:15:36 ram

?RCS: patch16: prototype handling macros now appear only when needed

?RCS:

?RCS: Revision 3.0.1.1 1993/08/25 14:03:12 ram

?RCS: patch6: defines were referring to non-existent VOID symbol

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:36 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:prototype: Myread Oldconfig cat +cc +ccflags rm Setvar

?MAKE: -pick add \$@ %<

?S:prototype:

?S: This variable holds the eventual value of CAN\_PROTOTYPE, which

?S: indicates the C compiler can handle function prototypes.

?S:.

?C:CAN\_PROTOTYPE ~ %<:

?C: If defined, this macro indicates that the C compiler can handle

?C: function prototypes.

?C:.

?C:DOTS:

?C: This macro is used to specify the ... in function prototypes which

?C: have arbitrary additional arguments.

?C:.

?C:NXT\_ARG:

?C: This macro is used to separate arguments in the declared argument list.

?C:.

?C:P\_FUNC:

?C: This macro is used to declare "private" (static) functions.

?C: It takes three arguments: the function type and name, a parenthesized

?C: traditional (comma separated) argument list, and the declared argument

?C: list (in which arguments are separated with NXT\_ARG, and additional

?C: arbitrary arguments are specified with DOTS). For example:

?C:

?C: P\_FUNC(int foo, (bar, baz), int bar NXT\_ARG char \*baz[])

?C:.

?C:P\_FUNC\_VOID:

?C: This macro is used to declare "private" (static) functions that have

?C: no arguments. The macro takes one argument: the function type and name.

?C: For example:

?C:

?C: P\_FUNC\_VOID(int subr)

?C:.

?C:V\_FUNC:

?C: This macro is used to declare "public" (non-static) functions.

?C: It takes three arguments: the function type and name, a parenthesized

?C: traditional (comma separated) argument list, and the declared argument

?C: list (in which arguments are separated with NXT\_ARG, and additional

?C: arbitrary arguments are specified with DOTS). For example:

?C:

```

?C: V_FUNC(int main, (argc, argv), int argc NEXT_ARG char *argv[])
?C:.
?C:V_FUNC_VOID:
?C: This macro is used to declare "public" (non-static) functions that have
?C: no arguments. The macro takes one argument: the function type and name.
?C: For example:
?C:
?C: V_FUNC_VOID(int fork)
?C:.
?C:_ (P):
?C: This macro is used to declare function parameters for folks who want
?C: to make declarations with prototypes using a different style than
?C: the above macros. Use double parentheses. For example:
?C:
?C: int main _((int argc, char *argv[]));
?C:.
?H:%<:#$prototype CAN_PROTOTYPE /**/
?H:%<:#ifdef CAN_PROTOTYPE
?H:?NEXT_ARG:#define NEXT_ARG ,
?H:?DOTS:#define DOTS , ...
?H:?V_FUNC:#define V_FUNC(name, arglist, args)name(args)
?H:?P_FUNC:#define P_FUNC(name, arglist, args)static name(args)
?H:?V_FUNC_VOID:#define V_FUNC_VOID(name)name(void)
?H:?P_FUNC_VOID:#define P_FUNC_VOID(name)static name(void)
?H:?_:#define _(args) args
?H:%<:#else
?H:?NEXT_ARG:#define NEXT_ARG ;
?H:?DOTS:#define DOTS
?H:?V_FUNC:#define V_FUNC(name, arglist, args)name arglist args;
?H:?P_FUNC:#define P_FUNC(name, arglist, args)static name arglist args;
?H:?V_FUNC_VOID:#define V_FUNC_VOID(name)name()
?H:?P_FUNC_VOID:#define P_FUNC_VOID(name)static name()
?H:?_:#define _(args) ()
?H:%<:#endif
?H:.
?W:%<:NEXT_ARG DOTS V_FUNC P_FUNC V_FUNC_VOID P_FUNC_VOID _
?LINT:set prototype
: Cruising for prototypes
echo " "
echo "Checking out function prototypes..." >&4
$cat >prototype.c <<'EOCP'
int main(int argc, char *argv[]) {
    exit(0);}
EOCP
if $cc $ccflags -c prototype.c >prototype.out 2>&1 ; then
    echo "Your C compiler appears to support function prototypes."
    val="$define"
else

```



```
echo "Your C compiler doesn't seem to understand function prototypes."
val="$sundef"
fi
set prototype
eval $setvar
$rm -f prototype*
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/prototype.U
```

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?RCS:

?MAKE:d\_nexttoward: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_nexttoward:

?S: This variable conditionally defines HAS\_NEXTTOWARD if nexttoward()

?S: is available to return the next machine representable long double from

?S: x in direction y.

?S:.

?C:HAS\_NEXTTOWARD:

?C: This symbol, if defined, indicates that the nexttoward routine is

?C: available to return the next machine representable long double from

?C: x in direction y.

?C:.

?H:#\$d\_nexttoward HAS\_NEXTTOWARD /\*\*/

?H:.

?LINT:set d\_nexttoward

: see if nexttoward exists

set nexttoward d\_nexttoward

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nexttoward.U
```

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?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

```

?RCS:
?MAKE:d_tellmdirproto: Hasproto i_systypes i_dirent
?MAKE: -pick add $@ %<
?S:d_tellmdirproto:
?S: This variable conditionally defines the HAS_TELLDIR_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the telldir() function. Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_TELLDIR_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the telldir() function. Otherwise, it is up
?C: to the program to supply one. A good guess is
?C: extern long telldir(DIR*);
?C:.
?H:#$d_tellmdirproto HAS_TELLDIR_PROTO /**/
?H:.
?LINT:set d_tellmdirproto
: see if prototype for telldir is available
echo " "
set d_tellmdirproto telldir $i_systypes sys/types.h $i_dirent dirent.h
eval $hasproto

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_tellmdirproto.U

```

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```

?RCS: $Id$
?RCS:
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:uselargefiles \
ccflags_uselargefiles \
ldflags_uselargefiles \
libswanted_uselargefiles: \
Myread Oldconfig Setvar test lseeksize fposize \
fpostype Compile echo n c cat lseektype rm_try run \
use64bitint use64bitall i_stdlib
?MAKE: -pick add $@ %<
?Y:TOP
?S:uselargefiles:
?S: This variable conditionally defines the USE_LARGE_FILES symbol,
?S: and indicates that large file interfaces should be used when
?S: available.

```

```

?S:.
?S:ccflags_uselargefiles:
?S: This variable contains the compiler flags needed by large file builds
?S: and added to ccflags by hints files.
?S:.
?S:ldflags_uselargefiles:
?S: This variable contains the loader flags needed by large file builds
?S: and added to ldflags by hints files.
?S:.
?S:libswanted_uselargefiles:
?S: This variable contains the libraries needed by large file builds
?S: and added to ldflags by hints files. It is a space separated list
?S: of the library names without the "lib" prefix or any suffix, just
?S: like libswanted..
?S:.
?C:USE_LARGE_FILES:
?C: This symbol, if defined, indicates that large file support
?C: should be used when available.
?C:.
?H:?%<:#ifndef USE_LARGE_FILES
?H:?%<:#$uselargefiles USE_LARGE_FILES /**/
?H:?%<:#endif
?H:.
?INIT:ccflags_uselargefiles="
?INIT:ldflags_uselargefiles="
?INIT:libswanted_uselargefiles="
?T:yyy zzz
?F:!uselargefiles.cbu !try
?LINT:change lseeksize
?LINT:change fpossize
?LINT:extern usefs
?LINT:use use64bitint
?LINT:use use64bitall
: Check for large file support
# Backward compatibility (usefs is deprecated).
case "$usefs" in
"$define"|true|[yY]*)
cat <<EOM >&4

*** Configure -Dusefs is deprecated, using -Duselargefiles instead.
EOM
uselargefiles="$define"
;;
esac

case "$lseeksize:$fpossize" in
8:8) cat <<EOM

```

You can have files larger than 2 gigabytes.

EOM

```
val="$define" ;;
*) case "$uselargefiles" in
"$undef"|false|[nN]*) dflt='n' ;;
*) dflt='y' ;;
esac
cat <<EOM
```

Perl can be built to understand large files (files larger than 2 gigabytes) on some systems. To do so, Configure can be run with `-Duselargefiles`.

If this doesn't make any sense to you, just accept the default `'$dflt'`.

EOM

```
rp="Try to understand large files, if available?"
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
;;
esac
set uselargefiles
eval $setvar
: Look for a hint-file generated 'call-back-unit'. If the
: user has specified that a large files perl is to be built,
: we may need to set or change some other defaults.
if $test -f uselargefiles.cbu; then
echo "Your platform has some specific hints regarding large file builds, using them..."
./uselargefiles.cbu
fi
case "$uselargefiles" in
"$define")
if $test -f uselargefiles.cbu; then
echo " "
echo "Rechecking to see how big your file offsets are..." >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main()
{
printf("%d\n", (int)sizeof($lseektype));
return(0);
}
EOCP
set try
if eval $compile_ok; then
lseeksize=`$run ./try`
```

```

$echo "Your file offsets are now $lseeksize bytes long."
else
dflt="$lseeksize"
echo " "
echo "(I can't seem to compile the test program. Guessing...)"
rp="What is the size of your file offsets (in bytes)?"
./myread
lseeksize="$ans"
fi
case "$fpostype" in
*_t) zzz="$fpostype" ;;
*) zzz="fpos_t" ;;
esac
$echo $n "Rechecking the size of $zzz...$c" >&4
$cat > try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main() {
    printf("%d\n", (int)sizeof($fpostype));
    return(0);
}
EOCP
set try
if eval $compile_ok; then
yyy=`$run ./try`
dflt="$lseeksize"
case "$yyy" in
") echo " "
echo "(I can't execute the test program--guessing $fpossizе.)" >&4
;;
*) fpossizе=$yyy
echo " $fpossizе bytes." >&4
;;
esac
else
dflt="$fpossizе"
echo " "
echo "(I can't compile the test program. Guessing...)" >&4
rp="What is the size of your file positions (in bytes)?"
./myread
fpossizе="$ans"
fi
$rm_try
fi

```

```
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/uselfs.U
```

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_ilogb: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_ilogb:

?S: This variable conditionally defines the HAS\_ILOGB symbol, which

?S: indicates to the C program that the ilogb() routine is available

?S: for extracting the exponent of double x as a signed integer.

?S:.

?C:HAS\_ILOGB:

?C: This symbol, if defined, indicates that the ilogb routine is

?C: available to get integer exponent of a floating-point value.

?C:.

?H:#\$d\_ilogb HAS\_ILOGB /\*\*/

?H:.

?LINT:set d\_ilogb

: see if ilogb exists

set ilogb d\_ilogb

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ilogb.U
```

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?RCS: \$Id: d\_ctime\_r.U,v 0RCS:

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_ctime\_r ctime\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_time i\_systime extern\_C

?MAKE: -pick add \$@ %<

?S:d\_ctime\_r:

?S: This variable conditionally defines the HAS\_CTIME\_R symbol,

?S: which indicates to the C program that the ctime\_r()

?S: routine is available.

?S:.

?S:ctime\_r\_proto:

?S: This variable encodes the prototype of ctime\_r.

?S: It is zero if d\_ctime\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_ctime\_r

?S: is defined.

?S:.

?C:HAS\_CTIME\_R:

?C: This symbol, if defined, indicates that the ctime\_r routine

?C: is available to ctime re-entrantly.

?C:.

?C:CTIME\_R\_PROTO:

?C: This symbol encodes the prototype of ctime\_r.

?C: It is zero if d\_ctime\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_ctime\_r

?C: is defined.

?C:.

?H:#\$d\_ctime\_r HAS\_CTIME\_R /\*\*/

?H:#define CTIME\_R\_PROTO \$ctime\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_ctime\_r\_proto

: see if ctime\_r exists

set ctime\_r d\_ctime\_r

eval \$inlibc

case "\$d\_ctime\_r" in

"\$define")

hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_time time.h \$i\_systime sys/time.h"

case "\$d\_ctime\_r\_proto:\$usetthreads" in

":define") d\_ctime\_r\_proto=define

set d\_ctime\_r\_proto ctime\_r \$hdrs

eval \$hasproto ;;

\*) ;;

esac

case "\$d\_ctime\_r\_proto" in

define)

case "\$ctime\_r\_proto" in

"|0) try='char\* ctime\_r(const time\_t\*, char\*);'

./protochk "\$extern\_C \$try" \$hdrs && ctime\_r\_proto=B\_SB ;;

esac

case "\$ctime\_r\_proto" in

"|0) try='char\* ctime\_r(const time\_t\*, char\*, int);'

./protochk "\$extern\_C \$try" \$hdrs && ctime\_r\_proto=B\_SBI ;;

esac

case "\$ctime\_r\_proto" in

"|0) try='int ctime\_r(const time\_t\*, char\*);'

./protochk "\$extern\_C \$try" \$hdrs && ctime\_r\_proto=I\_SB ;;

esac

```

case "$ctime_r_proto" in
"|0) try='int ctime_r(const time_t*, char*, int);'
./protochk "$extern_C $try" $hdrs && ctime_r_proto=I_SBI ;;
esac
case "$ctime_r_proto" in
"|0) d_ctime_r=undef
ctime_r_proto=0
echo "Disabling ctime_r, cannot determine prototype." >&4 ;;
*) case "$ctime_r_proto" in
REENTRANT_PROTO*) ;;
*) ctime_r_proto="REENTRANT_PROTO_$ctime_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "ctime_r has no prototype, not using it." >&4 ;;
esac
d_ctime_r=undef
ctime_r_proto=0
;;
esac
;;
*) ctime_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_ctime_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_fsetpos.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_fsetpos.U,v \$

?RCS: Revision 3.0.1.1 1994/06/20 06:57:38 ram

?RCS: patch30: created

?RCS:

?MAKE:d\_fsetpos: Inlibc

?MAKE: -pick add \$@ %<



?S:d\_fsetpos:  
?S: This variable conditionally defines HAS\_FSETPOS if fsetpos() is  
?S: available to set the file position indicator.  
?S:.  
?C:HAS\_FSETPOS:  
?C: This symbol, if defined, indicates that the fsetpos routine is  
?C: available to set the file position indicator, similar to fseek().  
?C:.  
?H:#\$d\_fsetpos HAS\_FSETPOS /\*\*/  
?H:.  
?LINT:set d\_fsetpos  
: see if fsetpos exists  
set fsetpos d\_fsetpos  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_fsetpos.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_execinfo.U 34 2010-11-27 11:55:39Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 2011, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?MAKE:i\_execinfo: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_execinfo:  
?S: This variable conditionally defines the I\_EXECINFO symbol, and indicates  
?S: whether a C program may include <execinfo.h>, for backtrace() support.  
?S:.  
?C:I\_EXECINFO:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <execinfo.h> for backtrace() support.  
?C:.  
?H:#\$i\_execinfo I\_EXECINFO /\*\*/  
?H:.  
?LINT:set i\_execinfo  
: see if this is an execinfo.h system  
set execinfo.h i\_execinfo  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i\_execinfo.U

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?RCS: \$Id: d\_gethostbyaddr\_r.U,v 0RCS:

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_gethostbyaddr\_r gethostbyaddr\_r\_proto: Inlibc Protochk Hasproto \  
i\_systypes usethreads i\_netdb extern\_C

?MAKE: -pick add \$@ %<

?S:d\_gethostbyaddr\_r:

?S: This variable conditionally defines the HAS\_GETHOSTBYADDR\_R symbol,

?S: which indicates to the C program that the gethostbyaddr\_r()

?S: routine is available.

?S:.

?S:gethostbyaddr\_r\_proto:

?S: This variable encodes the prototype of gethostbyaddr\_r.

?S: It is zero if d\_gethostbyaddr\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_gethostbyaddr\_r

?S: is defined.

?S:.

?C:HAS\_GETHOSTBYADDR\_R:

?C: This symbol, if defined, indicates that the gethostbyaddr\_r routine

?C: is available to gethostbyaddr re-entrantly.

?C:.

?C:GETHOSTBYADDR\_R\_PROTO:

?C: This symbol encodes the prototype of gethostbyaddr\_r.

?C: It is zero if d\_gethostbyaddr\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_gethostbyaddr\_r

?C: is defined.

?C:.

?H:#\$d\_gethostbyaddr\_r HAS\_GETHOSTBYADDR\_R /\*\*/

?H:#define GETHOSTBYADDR\_R\_PROTO \$gethostbyaddr\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_gethostbyaddr\_r\_proto

: see if gethostbyaddr\_r exists

set gethostbyaddr\_r d\_gethostbyaddr\_r

eval \$inlibc

case "\$d\_gethostbyaddr\_r" in

"\$define")

hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_netdb netdb.h"

case "\$d\_gethostbyaddr\_r\_proto:\$usethreads" in

":define") d\_gethostbyaddr\_r\_proto=define

```

set d_gethostbyaddr_r_proto gethostbyaddr_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_gethostbyaddr_r_proto" in
define)
case "$gethostbyaddr_r_proto" in
"|0) try='int gethostbyaddr_r(const char*, size_t, int, struct hostent*, char*, size_t, struct hostent**, int*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CWISBWRE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='struct hostent* gethostbyaddr_r(const char*, size_t, int, struct hostent*, char*, size_t, int, int*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_CWISBWIE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='struct hostent* gethostbyaddr_r(const char*, size_t, int, struct hostent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_CWISBIE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='struct hostent* gethostbyaddr_r(const void*, size_t, int, struct hostent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_TWISBIE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='struct hostent* gethostbyaddr_r(const char*, int, int, struct hostent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_CIISBIE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='struct hostent* gethostbyaddr_r(const char*, struct hostent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_CSBIE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='struct hostent* gethostbyaddr_r(const void*, struct hostent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_TSBIE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='int gethostbyaddr_r(const char*, size_t, int, struct hostent*, struct hostent_data*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CWISD ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='int gethostbyaddr_r(const char*, int, int, struct hostent*, struct hostent_data*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CIISD ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='int gethostbyaddr_r(const char*, int, int);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CII ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='int gethostbyaddr_r(const void*, socklen_t, int, struct hostent*, char*, size_t, struct hostent**, int*);'

```

```

./prochck "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_TsISBWRE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) d_gethostbyaddr_r=undef
gethostbyaddr_r_proto=0
echo "Disabling gethostbyaddr_r, cannot determine prototype." >&4 ;;
*) case "$gethostbyaddr_r_proto" in
REENTRANT_PROTO*) ;;
*) gethostbyaddr_r_proto="REENTRANT_PROTO_$gethostbyaddr_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo "gethostbyaddr_r has no prototype, not using it." >&4 ;;
esac
d_gethostbyaddr_r=undef
gethostbyaddr_r_proto=0
;;
esac
;;
*) gethostbyaddr_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_gethostbyaddr\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_usleepproto: Hasproto i\_unistd

?MAKE: -pick add \$@ %<

?S:d\_usleepproto:

?S: This variable conditionally defines the HAS\_USLEEP\_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the usleep() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

```

?C:HAS_USLEEP_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the usleep() function. Otherwise, it is up
?C: to the program to supply one. A good guess is
?C: extern int usleep(useconds_t);
?C:.
?H:#$d_usleepproto HAS_USLEEP_PROTO /**/
?H:.
?LINT:set d_usleepproto
: see if prototype for usleep is available
echo " "
set d_usleepproto usleep $i_unistd unistd.h
eval $hasproto

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_usleepproto.U

```

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_lroundl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_lroundl:

?S: This variable conditionally defines the HAS\_LROUNDL symbol, which

?S: indicates to the C program that the lroundl() routine is available

?S: to return the integral value nearest to x away from zero.

?S:.

?C:HAS\_LROUNDL:

?C: This symbol, if defined, indicates that the lroundl routine is

?C: available to return the nearest integral value away from zero of

?C: the long double argument value.

?C:.

?H:#\$d\_lroundl HAS\_LROUNDL /\*\*/

?H:.

?LINT:set d\_lroundl

: see if lroundl exists

set lroundl d\_lroundl

eval \$inlibc

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lroundl.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_umask.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_umask.U,v \$  
?RCS: Revision 3.0.1.1 1994/08/29 16:14:50 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_umask: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_umask:  
?S: This variable conditionally defines the HAS\_UMASK symbol, which  
?S: indicates to the C program that the umask() routine is available.  
?S: to set and get the value of the file creation mask.  
?S:.  
?C:HAS\_UMASK :  
?C: This symbol, if defined, indicates that the umask routine is  
?C: available to set and get the value of the file creation mask.  
?C:.  
?H:#\$d\_umask HAS\_UMASK /\*\*/  
?H:.  
?LINT:set d\_umask  
: see if umask exists  
set umask d\_umask  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_umask.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_mmap.U,v \$

?RCS: Revision 3.0.1.1 1993/12/15 08:19:12 ram  
?RCS: patch15: created  
?RCS:  
?MAKE:d\_mmap: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_mmap:  
?S: This variable conditionally defines HAS\_MMAP if mmap() is  
?S: available to map a file into memory.  
?S:.  
?C:HAS\_MMAP:  
?C: This symbol, if defined, indicates that the mmap system call is  
?C: available to map a file into memory.  
?C:.  
?H:#\$d\_mmap HAS\_MMAP /\*\*/  
?H:.  
?LINT:set d\_mmap  
: see if mmap exists  
set mmap d\_mmap  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_mmap.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_fmod.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_fmod.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/29 16:12:46 ram  
?RCS: patch36: created by ADO  
?RCS:  
?MAKE:d\_fmod: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_fmod:  
?S: This variable conditionally defines the HAS\_FMOD symbol, which  
?S: indicates to the C program that the fmod() routine is available.  
?S: See also d\_drem for the drem() routine which does roughly the same.  
?S:.

?C:HAS\_FMOD :

?C: This symbol, if defined, indicates that the fmod routine is

?C: available to compute the remainder  $r=x-n*y$  where  $n=\text{trunc}(x/y)$ .

?C:.

?H:#\$d\_fmod HAS\_FMOD /\*\*/

?H:.

?LINT:set d\_fmod

: see if fmod exists

set fmod d\_fmod

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_fmod.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: errnolist.U,v 3.0.1.2 1997/02/28 15:48:01 ram Exp \$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: errnolist.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:48:01 ram

?RCS: patch61: replaced .a with \$\_a all over the place

?RCS: patch61: likewise for .o replaced by \$\_o

?RCS:

?RCS: Revision 3.0.1.1 1994/01/24 14:10:54 ram

?RCS: patch16: created

?RCS:

?MAKE:errnolist errnolist\_SH errnolist\_a errnolist\_c errnolist\_o: cat \

Compile +d\_sysernlst \_a \_o

?MAKE: -pick add \$@ %<

?S:errnolist:

?S: This variable holds the base name of a file containing the

?S: definition of the sys\_errnolist array, if the C library

?S: doesn't provide it already. Otherwise, its value is empty.

?S: The following lines should be included in your Makefile.SH:

?S:

?S: case "\$errnolist" in

?S: ") ;;

?S: \*)

?S: \$spitshell >>Makefile <<!GROK!THIS!

?S: \$errnolist\_c: \$errnolist\_SH \$errnolist\_a



```

?S: sh ./$errnolist_SH
?S:
?S: !GROK!THIS!
?S: ;;
?S: esac
?S:
?S: You may define the 'errnolist' variable in your Myinit.U if you
?S: wish to override its default value "errnolist".
?S:.
?S:errnolist_SH:
?S: This is the name of a file which will generate errnolistc.
?S:.
?S:errnolist_a:
?S: This is the name of the awk script called by errnolist_SH.
?S:.
?S:errnolist_c:
?S: This is the name of a generated C file which provides the
?S: definition of the sys_errnolist array.
?S:.
?S:errnolist_o:
?S: This is the name of the object file which provides the
?S: definition of the sys_errnolist array, if the C library
?S: doesn't provide it already. Otherwise, its value is empty.
?S:.
?INIT:errnolist=errnolist
: check for sys_errnolist
@if d_sysernlst || HAS_SYS_ERRNOLIST
case "$d_sysernlst" in
"$define")
    errnolist="
    errnolist_SH="
    errnolist_a="
    errnolist_c="
    errnolist_o="
    ;;
*)
    echo " "
    echo "I'll make sure your Makefile provides sys_errnolist in $errnolist.c"
    errnolist_SH=$errnolist.SH
    errnolist_a=$errnolist$_a
    errnolist_c=$errnolist.c
    errnolist_o=$errnolist$_o
    ;;
esac
@else
echo " "
$cat <<EOM
Checking to see if your C library provides us with sys_errnolist[...]

```

```

EOM
$cat >errnolist.c <<'EOCP'
extern char *sys_errnolist[];
int main() {
    char *p0 = sys_errnolist[0];
    char *p1 = sys_errnolist[1];

    return (p0 == p1); /* Make sure they're not optimized away */
}
EOCP
set errnolist
if eval $compile; then
    echo "It does."
    errnolist="
    errnolist_SH="
    errnolist_a="
    errnolist_c="
    errnolist_o="
else
    echo "I'll make sure your Makefile provides sys_errnolist in $errnolist.c"
    errnolist_SH=$errnolist.SH
    errnolist_a=$errnolist$_a
    errnolist_c=$errnolist.c
    errnolist_o=$errnolist$_o
fi
@end

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/errnolist.U
```

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```

?RCS: $Id: i_malloc.U,v 3.5 2008/03/29 14:06:51 merijn Exp $
?RCS:
?RCS: Copyright (c) 2008, H.Merijn Brand
?RCS:
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?RCS: of the source tree for dist 3.5.
?RCS:
?MAKE:i_mallocmalloc: Inhdr
?MAKE: -pick add $@ %<
?S:i_mallocmalloc:
?S: This variable conditionally defines the I_MALLOCMALLOC symbol,
?S: and indicates whether a C program should include <malloc/malloc.h>.
?S:..

```

```
?C:I_MALLOCMALLOC:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <malloc/malloc.h>.
?C:.
?H:#$i_mallocmalloc I_MALLOCMALLOC /**/
?H:.
?LINT:set i_mallocmalloc
: see if malloc/malloc.h has to be included
set malloc/malloc.h i_mallocmalloc
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_mallocmalloc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msgrcv.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msgrcv.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:40 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_msgrcv: Inlibc
?MAKE: -pick add $@ %<
?S:d_msgrcv:
?S: This variable conditionally defines the HAS_MSGRCV symbol, which
?S: indicates to the C program that the msgrcv() routine is available.
?S:.
?C:HAS_MSGRCV:
?C: This symbol, if defined, indicates that the msgrcv() routine is
?C: available to extract a message from the message queue.
?C:.
?H:#$d_msgrcv HAS_MSGRCV /**/
?H:.
?LINT:set d_msgrcv
: see if msgrcv exists
set msgrcv d_msgrcv
eval $inlibc
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_msgrcv.U

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?RCS: You may distribute under the terms of either the GNU General Public

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?RCS:

?MAKE:usequadmath: Setvar cat uselongdouble

?MAKE: -pick add \$@ %<

?S:usequadmath:

?S: This variable conditionally defines the USE\_QUADMATH symbol,

?S: and indicates that the quadmath library \_\_float128 long doubles

?S: should be used when available.

?S:.

?C:USE\_QUADMATH:

?C: This symbol, if defined, indicates that the quadmath library should

?C: be used when available.

?C:.

?H:?%<:#ifndef USE\_QUADMATH

?H:?%<:#\$usequadmath USE\_QUADMATH /\*\*/

?H:?%<:#endif

?H:.

: Check if quadmath is requested

case "\$usequadmath" in

"\$define"|true|[yY]\*) usequadmath="\$define" ;;

\*) usequadmath="\$undef" ;;

esac

: Fail if both uselongdouble and usequadmath are requested

case "\$usequadmath:\$uselongdouble" in

define:define)

\$cat <<EOM >&4

\*\*\* You requested the use of the quadmath library and use

\*\*\* of long doubles.

\*\*\*

\*\*\* Please select one or the other.

EOM

exit 1

::

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usequadmath.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
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?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: Config\_h.U,v \$  
?RCS: Revision 3.0.1.5 1997/02/28 14:57:43 ram  
?RCS: patch61: added support for src.U  
?RCS:  
?RCS: Revision 3.0.1.4 1995/09/25 09:10:49 ram  
?RCS: patch59: commented the purpose of the #un-def directive  
?RCS:  
?RCS: Revision 3.0.1.3 1995/01/30 14:25:39 ram  
?RCS: patch49: typo fixes in leading config.h comment (WED)  
?RCS:  
?RCS: Revision 3.0.1.2 1993/08/24 12:13:20 ram  
?RCS: patch3: added TOP as a local shell temporary variable  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/19 06:42:20 ram  
?RCS: patch1: leading config.sh searching was not aborting properly  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:04:47 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This file ends up producing the config\_h.SH script, which is run to produce  
?X: the config.h file. The file ./Config\_h below contains all the ?H: lines  
?X: extracted out of all the units. Metaconfig itself adds the !GROK!THIS!.  
?X: Note that this code isn't included into Configure, but must be shipped with.  
?X:  
?X: For those who wish to know why the file is config\_h.SH instead of the more  
?X: natural config.h.SH, well... it is to support systems like MS-DOG. Only one  
?X: 'dot' is allowed within the file name, as it is part of the "extension" of  
?X: the file. MS-DOG will not let you have two 'dots' because that would mean  
?X: two "extensions".  
?X:  
?MAKE:Config\_h: Id End Config\_sh Obsol\_h myuname cf\_time cf\_by package src  
?MAKE: -pick c\_h\_weed \$@ %<  
?MAKE: -pick c\_h\_weed \$@ ./Config\_h  
?MAKE: -pick c\_h\_weed \$@ ./Obsol\_h  
?T:CONFIG TOP  
?LINT:unclosed !GROK!THIS!  
?LINT:extern CONFIG\_H CONFIG\_SH  
?LINT:change CONFIG\_H CONFIG\_SH

```

?LINT:nocomment
case "$CONFIG_SH" in
") CONFIG_SH=config.sh;;
esac
case "$CONFIG_H" in
") CONFIG_H=config.h;;
esac
case $CONFIG in
")
if test -f $CONFIG_SH; then TOP=.;
elif test -f ../$CONFIG_SH; then TOP=..;
elif test -f ../../$CONFIG_SH; then TOP=../../;
elif test -f ../../../$CONFIG_SH; then TOP=../../../;
elif test -f ../../../../$CONFIG_SH; then TOP=../../../../../;
else
echo "Can't find $CONFIG_SH."; exit 1
fi
. $TOP/$CONFIG_SH
;;
esac
?X: Make sure we are in the directory where the .SH file is located.
case "$0" in
*/*) cd `expr X$0 : 'X\(.*/'` ;;
esac
echo "Extracting $CONFIG_H (with variable substitutions)"
?X:
?X: Since we unconditionally translate leading #undef into /*#define, we're
?X: stuck when we really want to have a #undef in config.h. That's why there
?X: is provision here for #un-def, which is translated back into #undef after
?X: all original #undef have been processed.
?X:
?X: Previously, we changed all
?X: #undef FOO /**/
?X: into
?X: /*#define FOO /**/
?X: The xlc compiler (available on IBM's AIX) complains that this is
?X: an illegal attempt to write a nested comment, and warns against it.
?X: There's apparently no way to shut the compiler up, either.
?X: This sed command from Hallvard B Furuseth <h.b.furuseth@usit.uio.no>
?X: changes it to
?X: /*#define FOO /**/
sed <<!GROK!THIS!>$CONFIG_H -e 's!^#undef\(.*/\)^!/*#define\1 \*!' -e 's!^#un-def!#undef!'
/*
* This file was produced by running the config_h.SH script, which
* gets its values from $CONFIG_SH, which is generally produced by
* running Configure.
*
* Feel free to modify any of this as the need arises. Note, however,

```

```
* that running config_h.SH again will wipe out any changes you've made.
* For a more permanent change edit $CONFIG_SH and rerun config_h.SH.
*
*\Id: Config_h.U 1 2006-08-24 12:32:52Z rmanfredi $
*/
```

```
/*
```

```
* Package name    : $package
* Source directory : $src
* Configuration time: $cf_time
* Configured by    : $cf_by
* Target system    : $myuname
*/
```

```
#ifndef _config_h_
#define _config_h_
```

```
Found in path(s):
```

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Config_h.U
```

```
No license file was found, but licenses were detected in source scan.
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_erb: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_erb:
```

```
?S: This variable conditionally defines the HAS_ERF symbol, which
```

```
?S: indicates to the C program that the erf() routine is available.
```

```
?S:.
```

```
?C:HAS_ERF:
```

```
?C: This symbol, if defined, indicates that the erf routine is
```

```
?C: available to do the error function.
```

```
?C:.
```

```
?H:#$d_erb HAS_ERF /**/
```

```
?H:.
```

```
?LINT:set d_erb
```

```
: see if erf exists
```

```
set erf d_erb
```

```
eval $inlibc
```

```
Found in path(s):
```

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_erb.U
```

```
No license file was found, but licenses were detected in source scan.
```

```
?RCS: $Id: Instruct.U,v 3.0.1.3 1997/02/28 15:02:55 ram Exp $
```

?RCS:  
?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: Instruct.U,v \$  
?RCS: Revision 3.0.1.3 1997/02/28 15:02:55 ram  
?RCS: patch61: logname / whoami sequence rewritten to use case  
?RCS:  
?RCS: Revision 3.0.1.2 1995/02/15 14:11:34 ram  
?RCS: patch51: author name now appears at the end of the paragraph (WED)  
?RCS:  
?RCS: Revision 3.0.1.1 1995/01/11 15:12:05 ram  
?RCS: patch45: now documents the & escape to turn -d on at the read prompt  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:04 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit spew out the directions that we want everyone to read. I try to  
?X: keep the first "pagefull" much less than a page since they don't know it  
?X: isn't going to go shooting off the top of the screen, and we don't want  
?X: to panic them yet.  
?X:  
?MAKE:Instruct: Myread Configdir Devel contains  
?MAKE: -pick wipe \$@ %<  
?T:user needman firsttime  
: general instructions  
needman=true  
firsttime=true  
user=`(logname) 2>/dev/null`  
case "\$user" in  
") user=`whoami 2>&1`;;  
esac  
if \$contains "^\$user\$" ../.config/instruct >/dev/null 2>&1; then  
firsttime=false  
echo " "  
rp='Would you like to see the instructions?'  
dflt=n  
. ./myread  
case "\$ans" in  
[yY]\*) ;;  
\*) needman=false;;  
esac



```
fi
if $needman; then
cat <<EOH
```

This installation shell script will examine your system and ask you questions to determine how the <PACKAGENAME> package should be installed. If you get stuck on a question, you may use a ! shell escape to start a subshell or execute a command. Many of the questions will have default answers in square brackets; typing carriage return will give you the default.

On some of the questions which ask for file or directory names you are allowed to use the ~name construct to specify the login directory belonging to "name", even if you don't have a shell which knows about that. Questions where this is allowed will be marked "(~name ok)".

```
EOH
rp="
dflt='Type carriage return to continue'
. ./myread
cat <<'EOH'
```

The prompter used in this script allows you to use shell variables and backticks in your answers. You may use \$1, \$2, etc... to refer to the words in the default answer, as if the default line was a set of arguments given to a script shell. This means you may also use \$\* to repeat the whole default line, so you do not have to re-type everything to add something to the default.

Every time there is a substitution, you will have to confirm. If there is an error (e.g. an unmatched backtick), the default answer will remain unchanged and you will be prompted again.

If you are in a hurry, you may run 'Configure -d'. This will bypass nearly all the questions and use the computed defaults (or the previous answers if there was already a config.sh file). Type 'Configure -h' for a list of options. You may also start interactively and then answer '& -d' at any prompt to turn on the non-interactive behaviour for the remainder of the execution.

```
EOH
. ./myread
cat <<EOH
```

Much effort has been expended to ensure that this shell script will run on any Unix system. If despite that it blows up on yours, your best bet is to edit Configure and run it again. If you can't run Configure for some reason, you'll have to generate a config.sh file by hand. Whatever problems you have, let me (<MAINTLOC>) know how I blew it.

This installation script affects things in two ways:

- 1) it may do direct variable substitutions on some of the files included in this kit.
- 2) it builds a config.h file for inclusion in C programs. You may edit any of these files as the need arises after running this script.

If you make a mistake on a question, there is no easy way to back up to it currently. The easiest thing to do is to edit config.sh and rerun all the SH files. Configure will offer to let you do this before it runs the SH files.

EOH

?X: In case they played with the prompter...

```
dflt='Type carriage return to continue'  
. ./myread  
case "$firsttime" in  
true) echo $user >>../.config/instruct;;  
esac  
fi
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Instruct.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: orderlib.U,v \$

?RCS: Revision 3.0.1.4 1997/02/28 16:18:18 ram

?RCS: patch61: replaced .a with \$\_a all over the place

?RCS: patch61: likewise for .o replaced by \$\_o

?RCS: patch61: now uses the ar located by Loc.U

?RCS:

?RCS: Revision 3.0.1.3 1995/01/11 15:33:04 ram

?RCS: patch45: allows hint files to specify their own value for 'ranlib'

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:26:48 ram

?RCS: patch36: now performs a real small compile for accurate checks (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:31:17 ram

?RCS: patch32: use cc variable instead of hardwired 'cc' in 1st compile

```

?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:26 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:orderlib ranlib: Loc ar cat test rm +cc +ccflags +ldflags +libs _a _o
?MAKE: -pick add $@ %<
?S:orderlib:
?S: This variable is "true" if the components of libraries must be ordered
?S: (with `lorder $* | tsort`) before placing them in an archive. Set to
?S: "false" if ranlib or ar can generate random libraries.
?S:.
?S:ranlib:
?S: This variable is set to the pathname of the ranlib program, if it is
?S: needed to generate random libraries. Set to ":" if ar can generate
?S: random libraries or if random libraries are not supported
?S:.
?F:!foobar
: see if ar generates random libraries by itself
echo " "
echo "Checking how to generate random libraries on your machine..." >&4
?X: Some systems (like MIPS) complain when running ar... Others like Ultrix
?X: need an explicit 'ar ts' to add the table of contents.
?X: Still others like Linux run ar ts successfully, but still need ranlib.
?X: This set of tests seems the minimum necessary to check out Linux.
?X: We need to explicitly put the entries in out-of-order so that Sun's ld
?X: will fail. (Otherwise it complains, but gives an exit status of 0.)
echo 'int bar1() { return bar2(); }' > bar1.c
echo 'int bar2() { return 2; }' > bar2.c
$cat > foo.c <<'EOP'
int main() { printf("%d\n", bar1()); exit(0); }
EOP
$cc $ccflags -c bar1.c >/dev/null 2>&1
$cc $ccflags -c bar2.c >/dev/null 2>&1
$cc $ccflags -c foo.c >/dev/null 2>&1
$ar rc bar$_a bar2$_o bar1$_o >/dev/null 2>&1
if $cc $ccflags $ldflags -o foobar foo$_o bar$_a $libs > /dev/null 2>&1 &&
./foobar >/dev/null 2>&1; then
echo "ar appears to generate random libraries itself."
orderlib=false
ranlib=":"
elif $ar ts bar$_a >/dev/null 2>&1 &&
$cc $ccflags $ldflags -o foobar foo$_o bar$_a $libs > /dev/null 2>&1 &&
./foobar >/dev/null 2>&1; then
echo "a table of contents needs to be added with 'ar ts'."
orderlib=false
ranlib="$ar ts"
else
?X: Allow hints to specify their own ranlib "script". For instance, on

```

?X: some NeXT machines, the timestamp put by ranlib is not correct, and this

?X: may raise tedious recompiles for nothing. Therefore, NeXT may add the

?X: ranlib='sleep 5; /bin/ranlib' line in their hints to "fix" that.

?X: (reported by Andreas Koenig <k@franz.ww.tu-berlin.de>)

```
case "$ranlib" in
:) ranlib="";;
")
ranlib=`./loc ranlib X /usr/bin /bin /usr/local/bin`
$test -f $ranlib || ranlib="
;;
esac
if $test -n "$ranlib"; then
echo "your system has '$ranlib'; we'll use that."
orderlib=false
else
echo "your system doesn't seem to support random libraries"
echo "so we'll use lorder and tsort to order the libraries."
orderlib=true
ranlib=":"
fi
fi
$rm -f foo* bar*
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/orderlib.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: netdbtype.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: netdbtype.U,v \$

?RCS:

?MAKE:netdb\_host\_type netdb\_hlen\_type netdb\_name\_type netdb\_net\_type: \

Protochk Oldconfig Myread cat \

d\_gethbyaddr d\_gethbyname d\_getnbyaddr \

i\_niin i\_netdb i\_unistd d\_socket sizetype extern\_C

?MAKE: -pick add \$@ %<

?S:netdb\_host\_type:

?S: This variable holds the type used for the 1st argument to

?S: gethostbyaddr(). Usually, this is char \* or void \*, possibly

?S: with or without a const prefix.

?S: This is only useful if you have gethostbyaddr(), naturally.  
?S:.  
?S:netdb\_hlen\_type:  
?S: This variable holds the type used for the 2nd argument to  
?S: gethostbyaddr(). Usually, this is int or size\_t or unsigned.  
?S: This is only useful if you have gethostbyaddr(), naturally.  
?S:.  
?S:netdb\_name\_type:  
?S: This variable holds the type used for the argument to  
?S: gethostbyname(). Usually, this is char \* or const char \*.  
?S: This is only useful if you have gethostbyname(), naturally.  
?S:.  
?S:netdb\_net\_type:  
?S: This variable holds the type used for the 1st argument to  
?S: getnetbyaddr(). Usually, this is int or long.  
?S: This is only useful if you have getnetbyaddr(), naturally.  
?S:.  
?C:Netdb\_host\_t:  
?C: This symbol holds the type used for the 1st argument  
?C: to gethostbyaddr().  
?C:.  
?C:Netdb\_hlen\_t:  
?C: This symbol holds the type used for the 2nd argument  
?C: to gethostbyaddr().  
?C:.  
?C:Netdb\_name\_t:  
?C: This symbol holds the type used for the argument to  
?C: gethostbyname().  
?C:.  
?C:Netdb\_net\_t:  
?C: This symbol holds the type used for the 1st argument to  
?C: getnetbyaddr().  
?C:.  
?H:#define Netdb\_host\_t \$netdb\_host\_type /\*\*/  
?H:#define Netdb\_hlen\_t \$netdb\_hlen\_type /\*\*/  
?H:#define Netdb\_name\_t \$netdb\_name\_type /\*\*/  
?H:#define Netdb\_net\_t \$netdb\_net\_type /\*\*/  
?H:.  
?T:xxx yyy try hdrs  
@if netdb\_host\_type || Netdb\_host\_t || netdb\_hlen\_type || Netdb\_hlen\_t  
: check for type of arguments to gethostbyaddr.  
if test "X\$netdb\_host\_type" = X -o "X\$netdb\_hlen\_type" = X; then  
case "\$d\_gethbyaddr" in  
\$define)  
\$cat <<EOM

Checking to see what type of arguments are accepted by gethostbyaddr().  
EOM

```

hdrs="$define sys/types.h
$d_socket sys/socket.h
$i_niin netinet/in.h
$i_netdb netdb.h
$i_unistd unistd.h"
: The first arg can 'char *' or 'void *'
: The second arg is some of integral type
for xxx in in_addr_t 'const void *' 'const char *' 'void *' 'char *'; do
for yyy in size_t long int; do
case "$netdb_host_type" in
") try="$extern_C struct hostent *gethostbyaddr($xxx, $yyy, int);"
if ./protochk "$try" $hdrs; then
echo "Your system accepts $xxx for the first arg."
echo "...and $yyy for the second arg."
netdb_host_type="$xxx"
netdb_hlen_type="$yyy"
fi
;;
esac
done
done
: In case none of those worked, prompt the user.
case "$netdb_host_type" in
") rp='What is the type for the 1st argument to gethostbyaddr?'
dflt='char *'
./myread
netdb_host_type=$ans
rp='What is the type for the 2nd argument to gethostbyaddr?'
dflt="$sizetype"
./myread
netdb_hlen_type=$ans
;;
esac
;;
*) : no gethostbyaddr, so pick harmless defaults
netdb_host_type='char *'
netdb_hlen_type="$sizetype"
;;
esac
# Remove the "const" if needed. -- but then we'll have a
# prototype clash!
# netdb_host_type=`echo "$netdb_host_type" | sed 's/^const //'`
fi
@end

@if netdb_name_type || Netdb_name_t
: check for type of argument to gethostbyname.
if test "X$netdb_name_type" = X ; then

```

```
case "$d_gethbyname" in
$define)
$cat <<EOM
```

Checking to see what type of argument is accepted by gethostbyname().

EOM

```
hdrs="$define sys/types.h
$d_socket sys/socket.h
$i_niin netinet/in.h
$i_netdb netdb.h
$i_unistd unistd.h"
for xxx in "const char *" "char *"; do
case "$netdb_name_type" in
") try="$xtern_C struct hostent *gethostbyname($xxx);"
if ./protochk "$stry" $hdrs; then
echo "Your system accepts $xxx."
netdb_name_type="$xxx"
fi
;;
esac
done
: In case none of those worked, prompt the user.
case "$netdb_name_type" in
") rp='What is the type for the 1st argument to gethostbyname?'
dflt='char *'
./myread
netdb_name_type=$ans
;;
esac
*) : no gethostbyname, so pick harmless default
netdb_name_type='char *'
;;
esac
fi
@end
```

```
@if netdb_net_type || Netdb_net_t
: check for type of 1st argument to getnetbyaddr.
if test "X$netdb_net_type" = X ; then
case "$d_getnbyaddr" in
$define)
$cat <<EOM
```

Checking to see what type of 1st argument is accepted by getnetbyaddr().

EOM

```
hdrs="$define sys/types.h
$d_socket sys/socket.h
```

```

$i_niin netinet/in.h
$i_netdb netdb.h
$i_unistd unistd.h"
for xxx in in_addr_t "unsigned long" long "unsigned int" int; do
case "$netdb_net_type" in
") try="$xtern_C struct netent *getnetbyaddr($xxx, int);"
if ./protochk "$stry" $hdrs; then
echo "Your system accepts $xxx."
netdb_net_type="$xxx"
fi
;;
esac
done
: In case none of those worked, prompt the user.
case "$netdb_net_type" in
") rp='What is the type for the 1st argument to getnetbyaddr?'
dflt='long'
./myread
netdb_net_type=$ans
;;
esac
*) : no getnetbyaddr, so pick harmless default
netdb_net_type='long'
;;
esac
fi
@end

```

Found in path(s):

```

*/opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/netdbtype.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_math.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: i_math.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:21:59 ram

```



?RCS: patch32: created by ADO

?RCS:

?MAKE:i\_math: Inhdr

?MAKE: -pick add \$@ %<

?X: Are there really systems that \*DON'T\* have math.h?

?S:i\_math:

?S: This variable conditionally defines the I\_MATH symbol, and indicates

?S: whether a C program may include <math.h>.

?S:.

?C:I\_MATH:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <math.h>.

?C:.

?H:#\$i\_math I\_MATH /\*\*/

?H:.

?LINT:set i\_math

: see if this is a math.h system

set math.h i\_math

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_math.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_llround: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_llround:

?S: This variable conditionally defines the HAS\_LLROUND symbol, which

?S: indicates to the C program that the llround() routine is available

?S: to return the long long value nearest to x.

?S:.

?C:HAS\_LLROUND:

?C: This symbol, if defined, indicates that the llround routine is

?C: available to return the nearest long long value.

?C:.

?H:#\$d\_llround HAS\_LLROUND /\*\*/

?H:.

?LINT:set d\_llround

: see if llround exists

set llround d\_llround

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d\_llround.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Warn_v7ND.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Warn_v7ND.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:01:46 ram
?RCS: patch36: call ./v7 explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:18 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit warns V7 sites that they may not have a non-blocking read.
?X: This unit needs to be mentioned in End.U to get included.
?X:
?MAKE:Warn_v7ND: package Guess
?MAKE: -pick add $@ %<
: Warnings
if ./v7; then
cat <<EOM
```

NOTE: many V7 systems do not have a way to do a non-blocking read. If you don't have any of FIONREAD, O\_NDELAY, or rdchk(), the \$package package may not work as well as it might. It might not work at all.

EOM

fi

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Warn_v7ND.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_safebcpy.U,v 3.0.1.4 1997/02/28 15:40:58 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: d\_safebcpy.U,v \$  
?RCS: Revision 3.0.1.4 1997/02/28 15:40:58 ram  
?RCS: patch61: improved overlapping copy check  
?RCS: patch61: comfort them if they have memmove  
?RCS: patch61: added ?F: metalint hint  
?RCS:  
?RCS: Revision 3.0.1.3 1995/07/25 13:58:40 ram  
?RCS: patch56: re-arranged compile line to include ldflags before objects  
?RCS:  
?RCS: Revision 3.0.1.2 1995/01/11 15:29:23 ram  
?RCS: patch45: added 'ldflags' to the test compile line (ADO)  
?RCS:  
?RCS: Revision 3.0.1.1 1994/05/06 14:49:03 ram  
?RCS: patch23: ensure string is not optimized in read-only memory (ADO)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:06:58 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_safebcpy: cat d\_bcopy Compile rm\_try run \  
d\_memmove i\_memory i\_stdlib i\_string i\_unistd Oldconfig Setvar  
?MAKE: -pick add \$@ %<  
?S:d\_safebcpy:  
?S: This variable conditionally defines the HAS\_SAFE\_BCOPY symbol if  
?S: the bcopy() routine can do overlapping copies. Normally, you  
?S: should probably use memmove().  
?S:.  
?C:HAS\_SAFE\_BCOPY (SAFE\_BCOPY):  
?C: This symbol, if defined, indicates that the bcopy routine is available  
?C: to copy potentially overlapping memory blocks. Normally, you should  
?C: probably use memmove() or memcpy(). If neither is defined, roll your  
?C: own version.  
?C:.  
?H:#\$d\_safebcpy HAS\_SAFE\_BCOPY /\*\*/  
?H:.  
?F:!try  
?LINT: set d\_safebcpy  
: can bcopy handle overlapping blocks?  
echo " "  
?X: assume the worst.  
val="\$undef"  
case "\$d\_memmove" in  
"\$define") echo "I'll use memmove() instead of bcopy() for overlapping copies." ;;  
\*) case "\$d\_bcopy" in  
"\$define")  
echo "Checking to see if bcopy() can do overlapping copies..." >&4

```

$cat >try.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
$cat >>try.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
# include <memory.h>
#endif
#ifdef I_STDLIB
# include <stdlib.h>
#endif
#ifdef I_STRING
# include <string.h>
#else
# include <strings.h>
#endif
#ifdef I_UNISTD
# include <unistd.h> /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

/* Copy "abcde..." string to char abc[] so that gcc doesn't
try to store the string in read-only memory. */
bcopy("abcdefghijklmnopqrstuvwxy0123456789", abc, 36);

for (align = 7; align >= 0; align--) {
for (len = 36; len; len--) {
b = buf+align;
bcopy(abc, b, len);
for (off = 1; off <= len; off++) {
bcopy(b, b+off, len);
bcopy(b+off, b, len);
if (bcmp(b, abc, len))
exit(1);
}
}
}
exit(0);
}

```

```

EOCP
set try
if eval $compile_ok; then
if $run ./try 2>/dev/null; then
echo "Yes, it can."
val="$define"
else
echo "It can't, sorry."
fi
else
echo "(I can't compile the test program, so we'll assume not...)"
fi
;;
esac
$rm_try
;;
esac
set d_safebcpy
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_safebcpy.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_isfinitel: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_isfinitel:

?S: This variable conditionally defines the HAS\_ISFINITEL symbol, which

?S: indicates to the C program that the isfinitel() routine is available.

?S:.

?C:HAS\_ISFINITEL:

?C: This symbol, if defined, indicates that the isfinitel routine is

?C: available to check whether a long double is finite.

?C: (non-infinity non-NaN).

?C:.

?H:#\$d\_isfinitel HAS\_ISFINITEL /\*\*/

?H:.

?LINT:set d\_isfinitel

: see if isfinitel exists

set isfinitel d\_isfinitel

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_isfinitel.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Tye McQueen <tye@metronet.com>

?RCS:

?RCS: \$Log: d\_stdstdio.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:46:32 ram

?RCS: patch61: merged with perl5's unit

?RCS:

?RCS: Revision 3.0.1.2 1995/07/25 14:06:54 ram

?RCS: patch56: typo fix on ?C: line for FILE\_bufsiz

?RCS: patch56: fixed unbalanced parenthesis (ADO)

?RCS: patch56: check whether FILE\_cnt and FILE\_ptr can be assigned to (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1995/05/12 12:12:11 ram

?RCS: patch54: complete rewrite by Tye McQueen to fit modern systems

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:31 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_stdstdio d\_stdiobase stdio\_ptr stdio\_cnt stdio\_base \

stdio\_bufsiz d\_stdio\_cnt\_lval d\_stdio\_ptr\_lval stdio\_filbuf: cat \

+cc +ccflags contains +ldflags +libs rm\_try \

Setvar Findhdr Oldconfig

?MAKE: -pick add \$@ %<

?S:d\_stdstdio:

?S: This variable conditionally defines USE\_STDIO\_PTR if this system

?S: has a FILE structure declaring usable \_ptr and \_cnt fields (or

?S: equivalent) in stdio.h.

?S:.

?S:stdio\_ptr:

?S: This variable defines how, given a FILE pointer, fp, to access the

?S: \_ptr field (or equivalent) of stdio.h's FILE structure. This will

?S: be used to define the macro FILE\_ptr(fp).

?S:.

?S:d\_stdio\_ptr\_lval:

?S: This variable conditionally defines `STDIO_PTR_LVALUE` if the

?S: `FILE_ptr` macro can be used as an lvalue.

?S:.

?S:stdio\_cnt:

?S: This variable defines how, given a `FILE` pointer, `fp`, to access the

?S: `_cnt` field (or equivalent) of `stdio.h`'s `FILE` structure. This will

?S: be used to define the macro `FILE_cnt(fp)`.

?S:.

?S:d\_stdio\_cnt\_lval:

?S: This variable conditionally defines `STDIO_CNT_LVALUE` if the

?S: `FILE_cnt` macro can be used as an lvalue.

?S:.

?S:stdio\_filbuf:

?S: This variable defines how, given a `FILE` pointer, `fp`, to tell

?S: `stdio` to refill its internal buffers (?). This will

?S: be used to define the macro `FILE_filbuf(fp)`.

?S:.

?S:d\_stdiobase:

?S: This variable conditionally defines `USE_STDIO_BASE` if this system

?S: has a `FILE` structure declaring a usable `_base` field (or equivalent)

?S: in `stdio.h`.

?S:.

?S:stdio\_base:

?S: This variable defines how, given a `FILE` pointer, `fp`, to access the

?S: `_base` field (or equivalent) of `stdio.h`'s `FILE` structure. This will

?S: be used to define the macro `FILE_base(fp)`.

?S:.

?S:stdio\_bufsiz:

?S: This variable defines how, given a `FILE` pointer, `fp`, to determine

?S: the number of bytes store in the I/O buffer pointer to by the

?S: `_base` field (or equivalent) of `stdio.h`'s `FILE` structure. This will

?S: be used to define the macro `FILE_bufsiz(fp)`.

?S:.

?C:USE\_STDIO\_PTR ~ d\_stdstdio (USE\_STD\_STDIO STDSTDIO):

?C: This symbol is defined if the `_ptr` and `_cnt` fields (or similar)

?C: of the `stdio` `FILE` structure can be used to access the `stdio` buffer

?C: for a file handle. If this is defined, then the `FILE_ptr(fp)`

?C: and `FILE_cnt(fp)` macros will also be defined and should be used

?C: to access these fields.

?C:.

?C:FILE\_ptr:

?C: This macro is used to access the `_ptr` field (or equivalent) of the

?C: `FILE` structure pointed to by its argument. This macro will always be

?C: defined if `USE_STDIO_PTR` is defined.

?C:.

?C:STDIO\_PTR\_LVALUE:

?C: This symbol is defined if the FILE\_ptr macro can be used as an  
?C: lvalue.  
?C:.  
?C:FILE\_cnt:  
?C: This macro is used to access the \_cnt field (or equivalent) of the  
?C: FILE structure pointed to by its argument. This macro will always be  
?C: defined if USE\_STDIO\_PTR is defined.  
?C:.  
?C:STDIO\_CNT\_LVALUE:  
?C: This symbol is defined if the FILE\_cnt macro can be used as an  
?C: lvalue.  
?C:.  
?C:FILE\_filbuf:  
?C: This macro is used to access the internal stdio \_filbuf function  
?C: (or equivalent), if STDIO\_CNT\_LVALUE and STDIO\_PTR\_LVALUE  
?C: are defined. It is typically either \_filbuf or \_\_filbuf.  
?C: This macro will only be defined if both STDIO\_CNT\_LVALUE and  
?C: STDIO\_PTR\_LVALUE are defined.  
?C:.  
?H:?d\_stdstdio:#\$d\_stdstdio USE\_STDIO\_PTR /\*\*/  
?H:?d\_stdstdio:#ifdef USE\_STDIO\_PTR  
?H:#define FILE\_ptr(fp) \$stdio\_ptr  
?H:#\$d\_stdio\_ptr\_lval STDIO\_PTR\_LVALUE /\*\*/  
?H:#define FILE\_cnt(fp) \$stdio\_cnt  
?H:#\$d\_stdio\_cnt\_lval STDIO\_CNT\_LVALUE /\*\*/  
?H:?d\_stdstdio:#if defined(STDIO\_PTR\_LVALUE) && defined(STDIO\_CNT\_LVALUE)  
?H:#define FILE\_filbuf(fp) \$stdio\_filbuf /\*\*/  
?H:?d\_stdstdio:#endif  
?H:?d\_stdstdio:#endif  
?H:.  
?W:d\_stdstdio:FILE\_ptr FILE\_cnt FILE\_filbuf  
?C:USE\_STDIO\_BASE ~ d\_stdiobase:  
?C: This symbol is defined if the \_base field (or similar) of the  
?C: stdio FILE structure can be used to access the stdio buffer for  
?C: a file handle. If this is defined, then the FILE\_base(fp) macro  
?C: will also be defined and should be used to access this field.  
?C: Also, the FILE\_bufsiz(fp) macro will be defined and should be used  
?C: to determine the number of bytes in the buffer. USE\_STDIO\_BASE  
?C: will never be defined unless USE\_STDIO\_PTR is.  
?C:.  
?C:FILE\_base:  
?C: This macro is used to access the \_base field (or equivalent) of the  
?C: FILE structure pointed to by its argument. This macro will always be  
?C: defined if USE\_STDIO\_BASE is defined.  
?C:.  
?C:FILE\_bufsiz:  
?C: This macro is used to determine the number of bytes in the I/O  
?C: buffer pointed to by \_base field (or equivalent) of the FILE



?C: structure pointed to its argument. This macro will always be defined

?C: if USE\_STDIO\_BASE is defined.

?C:.

?H:?d\_stdibase:#\$d\_stdibase USE\_STDIO\_BASE /\*\*/

?H:?d\_stdibase:#ifdef USE\_STDIO\_BASE

?H:#define FILE\_base(fp) \$stdio\_base

?H:#define FILE\_bufsiz(fp) \$stdio\_bufsiz

?H:?d\_stdibase:#endif

?H:.

?W:d\_stdibase:FILE\_base FILE\_bufsiz

?LINT:set d\_stdstdio d\_stdibase

?T:ptr\_lval cnt\_lval filbuf xxx

?F:!try

: see if \_ptr and \_cnt from stdio act std

echo " "

if \$contains '\_IO\_fpos\_t' `./findhdr stdio.h` >/dev/null 2>&1 ; then

echo "(Looks like you have stdio.h from Linux.)"

case "\$stdio\_ptr" in

") stdio\_ptr='(fp)->\_IO\_read\_ptr'

ptr\_lval=\$define

::

\*) ptr\_lval=\$d\_stdio\_ptr\_lval;;

esac

case "\$stdio\_cnt" in

") stdio\_cnt='(fp)->\_IO\_read\_end - (fp)->\_IO\_read\_ptr'

cnt\_lval=\$undef

::

\*) cnt\_lval=\$d\_stdio\_cnt\_lval;;

esac

case "\$stdio\_base" in

") stdio\_base='(fp)->\_IO\_read\_base';;

esac

case "\$stdio\_bufsiz" in

") stdio\_bufsiz='(fp)->\_IO\_read\_end - (fp)->\_IO\_read\_base';;

esac

else

case "\$stdio\_ptr" in

") stdio\_ptr='(fp)->\_ptr'

ptr\_lval=\$define

::

\*) ptr\_lval=\$d\_stdio\_ptr\_lval;;

esac

case "\$stdio\_cnt" in

") stdio\_cnt='(fp)->\_cnt'

cnt\_lval=\$define

::

\*) cnt\_lval=\$d\_stdio\_cnt\_lval;;

esac

```

case "$stdio_base" in
") stdio_base='((fp)->_base)';;
esac
case "$stdio_bufsiz" in
") stdio_bufsiz='((fp)->_cnt + (fp)->_ptr - (fp)->_base)';;
esac
fi
: test whether _ptr and _cnt really work
echo "Checking how std your stdio is..." >&4
$cat >try.c <<EOP
#include <stdio.h>
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
int main() {
FILE *fp = fopen("try.c", "r");
char c =getc(fp);
if (
18 <= FILE_cnt(fp) &&
strncmp(FILE_ptr(fp), "include <stdio.h>\n", 18) == 0
)
exit(0);
exit(1);
}
EOP
val="$undef"
if $cc $ccflags $ldflags -o try try.c $libs >/dev/null 2>&1; then
if ./try; then
echo "Your stdio acts pretty std."
val="$define"
else
echo "Your stdio isn't very std."
fi
else
echo "Your stdio doesn't appear very std."
fi
$rm_try
set d_stdstdio
eval $setvar

@if STDIO_PTR_LVALUE || d_stdio_ptr_lval
: Can _ptr be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$d_ptr_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_ptr_lval
eval $setvar

```

```

@end
@if STDIO_CNT_LVALUE || d_stdio_cnt_lval
: Can _cnt be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$cnt_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_cnt_lval
eval $setvar

@end
@if FILE_filbuf
: How to access the stdio _filbuf or __filbuf function.
: If this fails, check how the getc macro in stdio.h works.
case "${d_stdio_ptr_lval}${d_stdio_cnt_lval}" in
${define}${define})
: Try hint value, if any, then _filbuf, __filbuf, _fill, then punt.
: _fill is for OS/2.
xxx='notok'
for filbuf in $stdio_filbuf '_filbuf(fp)' '__filbuf(fp)' '_fill(fp)' ; do
$cat >try.c <<EOP
#include <stdio.h>
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
#define FILE_filbuf(fp) $filbuf
int main() {
FILE *fp = fopen("try.c", "r");
int c;
c = getc(fp);
c = FILE_filbuf(fp); /* Just looking for linker errors.*/
exit(0);
}
EOP
if $cc $ccflags $ldflags -o try try.c $libs >/dev/null 2>&1 && ./try; then
echo "Your stdio appears to use $filbuf"
stdio_filbuf="$filbuf"
xxx='ok'
break
else
echo "Hmm. $filbuf doesn't seem to work."
fi
$rm_try
done
case "$xxx" in
notok) echo "I can't figure out how to access _filbuf"
echo "I'll just have to work around it."

```

```

d_stdio_ptr_lval="$undef"
d_stdio_cnt_lval="$undef"
;;
esac
;;
esac
@end
@if d_stdibase || USE_STDIO_BASE || FILE_base || FILE_bufsiz
: see if _base is also standard
val="$undef"
case "$d_stdstdio" in
$define)
$cat >try.c <<EOP
#include <stdio.h>
#define FILE_base(fp) $stdio_base
#define FILE_bufsiz(fp) $stdio_bufsiz
int main() {
FILE *fp = fopen("try.c", "r");
char c =getc(fp);
if (
19 <= FILE_bufsiz(fp) &&
strncmp(FILE_base(fp), "#include <stdio.h>\n", 19) == 0
)
exit(0);
exit(1);
}
EOP
if $cc $ccflags $ldflags -o try try.c $libs > /dev/null 2>&1; then
if ./try; then
echo "And its _base field acts std."
val="$define"
else
echo "But its _base field isn't std."
fi
else
echo "However, it seems to be lacking the _base field."
fi
$rm_try
;;
esac
set d_stdibase
eval $setvar

@end

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_stdstdio.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_readlink.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_readlink.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:11:52 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_readlink: Inlibc
?MAKE: -pick add $@ %<
?S:d_readlink:
?S: This variable conditionally defines the HAS_READLINK symbol, which
?S: indicates to the C program that the readlink() routine is available
?S: to read the value of a symbolic link.
?S:
?C:HAS_READLINK :
?C: This symbol, if defined, indicates that the readlink routine is
?C: available to read the value of a symbolic link.
?C:
?H:#$d_readlink HAS_READLINK /**/
?H:
?LINT:set d_readlink
: see if readlink exists
set readlink d_readlink
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_readlink.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```

?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Oldsym.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:06:58 ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:13 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit follows the creation of the config.sh file. It adds some
?X: special symbols: defines from patchlevel.h file if any and CONFIG,
?X: which is set to true. Then, we try to keep all the new symbols that
?X: may come from a hint file or a previous config.sh file.
?X:
?MAKE:Oldsym: Config_sh Options test hint src sed sort uniq
?MAKE: -pick add $@ %<
?T:CONFIG sym tmp
?F:!UU
: add special variables
$test -f $src/patchlevel.h && \
awk '/^#define/ {printf "%s=%s\n", $2, $3}' $src/patchlevel.h >>config.sh
echo "CONFIG=true" >>config.sh

: propagate old symbols
if $test -f UU/config.sh; then
?X: Make sure each symbol is unique in oldconfig.sh
<UU/config.sh $sort | $uniq >UU/oldconfig.sh
?X:
?X: All the symbols that appear twice come only from config.sh (hence the
?X: two config.sh in the command line). These symbols will be removed by
?X: the uniq -u command. The oldsyms file thus contains all the symbols
?X: that did not appear in the produced config.sh (Larry Wall).
?X:
?X: Do not touch the -u flag of uniq. This means you too, Jarkko.
?X:
$sed -n 's/^\([a-zA-Z_0-9]*\)=.*/\1/p' \
config.sh config.sh UU/oldconfig.sh \
$sort | $uniq -u >UU/oldsyms
set X `cat UU/oldsyms`
shift
case $# in
0) ;;
*)
cat <<EOM
Hmm...You had some extra variables I don't know about...I'll try to keep 'em...
EOM

```

```

echo ": Variables propagated from previous config.sh file." >>config.sh
for sym in `cat UU/oldsyms`; do
echo " Propagating $hint variable ""$"$sym..."
eval `tmp=""$""${sym}""`
echo "$tmp" | \
sed -e "s/^\\""/g" -e "s/^\$sym=/'" -e "s/$/'/" >>config.sh
done
;;
esac
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Oldsym.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:uselongdouble: Myread Oldconfig Setvar cat test usemorebits

?MAKE: -pick add \$@ %<

?Y:TOP

?S:uselongdouble:

?S: This variable conditionally defines the USE\_LONG\_DOUBLE symbol,

?S: and indicates that long doubles should be used when available.

?S:.

?C:USE\_LONG\_DOUBLE:

?C: This symbol, if defined, indicates that long doubles should

?C: be used when available.

?C:.

?H:%<:#ifndef USE\_LONG\_DOUBLE

?H:%<:#\$uselongdouble USE\_LONG\_DOUBLE /\*\*/

?H:%<:#endif

?H:.

?LINT:extern ccflags

?LINT:use usemorebits

?F:!uselongdouble.cbu

: Check for uselongdouble support

case "\$ccflags" in

\*-DUSE\_LONG\_DOUBLE\*|\*-DUSE\_MORE\_BITS\*) uselongdouble="\$define" ;;

esac

case "\$uselongdouble" in

\$define|true|[yY]\*) dflt='y';;

```
*) dflt='n';;
esac
cat <<EOM
```

Perl can be built to take advantage of long doubles which  
(if available) may give more accuracy and range for floating point numbers.

If this doesn't make any sense to you, just accept the default '\$dflt'.

```
EOM
rp="Try to use long doubles if available?"
./myread
case "$ans" in
y|Y) val="$define" ;;
*)   val="$undef" ;;
esac
set uselongdouble
eval $setvar

case "$uselongdouble" in
true|[yY]*) uselongdouble="$define" ;;
esac
```

```
: Look for a hint-file generated 'call-back-unit'. If the
: user has specified that long doubles should be used,
: we may need to set or change some other defaults.
if $test -f uselongdouble.cbu; then
    echo "Your platform has some specific hints regarding long doubles, using them..."
    ./uselongdouble.cbu
else
    case "$uselongdouble" in
$define)
    $cat <<EOM
(Your platform does not have any specific hints for long doubles.)
EOM
;;
    esac
fi
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/uselongdbl.U
```

No license file was found, but licenses were detected in source scan.

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?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Init.U,v \$

?RCS: Revision 3.0.1.1 1994/10/31 09:45:59 ram

?RCS: patch44: removed Options from MAKE to prevent Init overrides

?RCS: patch44: option processing now done after Myinit thanks to new Begin.U

?RCS: patch44: moved "Beginning of configuration questions" to Begin.U

?RCS: patch44: moved signal trapping instruction to Begin.U as well

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:02 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This file initializes certain default variables used by Configure. They

?X: may be overridden or added to by definitions in Myinit.U.

?X:

?MAKE:Init eunicefix \_exe: Null

?MAKE: -pick add \$@ %<

?MAKE: -pick weed \$@ ./Init

?S:eunicefix:

?S: When running under Eunice this variable contains a command which will

?S: convert a shell script to the proper form of text file for it to be

?S: executable by the shell. On other systems it is a no-op.

?S:.

?S:\_exe (exe\_ext):

?S: This variable defines the extension used for executable files.

?S: For unix it is empty. Other possible values include '.exe'.

?S: DJGPP, Cygwin and OS/2 use '.exe'. Stratus VOS uses '.pm'.

?S: On operating systems which do not require a specific extension

?S: for executable files, this variable is empty.

?S:.

?V:define undef smallmach:rmlist

?X:

?X: Throughout the units, one may make use of \$define and \$undef to reference

?X: a defined symbol or an undefined one. There is no need to add them in

?X: the dependency line since this unit makes them visible via ?V:, and

?X: everyone inherits from those symbols since by convention Init.U is the

?X: root dependency.

?X:

?T: DJGPP

: Initialize wide constants

define='define'

undef='undef'

smallmach='pdp11 i8086 z8000 i80286 iAPX286'

rmlist=""

```

: We must find out about Eunice early
eunicefix=':
if test -f /etc/unixtovms; then
  eunicefix=/etc/unixtovms
fi
if test -f /etc/unixtovms.exe; then
  eunicefix=/etc/unixtovms.exe
fi

: Set executable suffix now -- needed before hints available
if test -f "/libs/version.library"; then
  : Amiga OS
  _exe=""
elif test -f "/system/gnu_library/bin/ar.pm"; then
  : Stratus VOS
  _exe=".pm"
elif test -n "$DJGPP"; then
  : DOS DJGPP
  _exe=".exe"
elif test -d c:/.; then
  : OS/2 or cygwin
  _exe=".exe"
else
  : All other UNIX systems
  _exe=""
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Init.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_getsrvby.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getsbyname d_getsbyport: Inlibc
?MAKE: -pick add $@ %<
?S:d_getsbyname:
?S: This variable conditionally defines the HAS_GETSERVBYNAME
?S: symbol, which indicates to the C program that the
?S: getservbyname() routine is available to look up services
?S: by their name.
?S:.

```

?S:d\_getsbyport:  
?S: This variable conditionally defines the HAS\_GETSERVBYPOR  
?S: symbol, which indicates to the C program that the  
?S: getservbyport() routine is available to look up services  
?S: by their port.

?S:.

?C:HAS\_GETSERVBYNAM

?C: This symbol, if defined, indicates that the getservbyname()  
?C: routine is available to look up services by their name.

?C:.

?C:HAS\_GETSERVBYPOR

?C: This symbol, if defined, indicates that the getservbyport()  
?C: routine is available to look up services by their port.

?C:.

?H:#\$d\_getsbyname HAS\_GETSERVBYNAM /\*\*/

?H:#\$d\_getsbyport HAS\_GETSERVBYPOR /\*\*/

?H:.

?LINT:set d\_getsbyname d\_getsbyport

: Optional checks for getsbyname and getsbyport

@if d\_getsbyname || HAS\_GETSERVBYNAM

: see if getservbyname exists

set getservbyname d\_getsbyname

eval \$inlibc

@end

@if d\_getsbyport || HAS\_GETSERVBYPOR

: see if getservbyport exists

set getservbyport d\_getsbyport

eval \$inlibc

@end

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-  
5.30.0/U/modified/d\_getsrby.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2017-2018, H.Merijn Brand

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d\_dup3: Inlibc

?MAKE:-pick add \$@ %<

?S:d\_dup3:

?S: This variable conditionally defines HAS\_DUP3 if dup3() is

?S: available to duplicate file descriptors.

?S:.

?C:HAS\_DUP3:

?C: This symbol, if defined, indicates that the dup3 routine is

?C: available to duplicate file descriptors.

?C:.

?H:#\$d\_dup3 HAS\_DUP3 /\*\*/

?H:.

?LINT:set d\_dup3

: see if dup3 exists

set dup3 d\_dup3

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_dup3.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_syspoll.U 15 2006-08-30 18:21:51Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:i\_syspoll: Inhdr

?MAKE:-pick add \$@ %<

?S:i\_syspoll:

?S: This variable conditionally defines the I\_SYS\_POLL symbol, which

?S: indicates to the C program that it should include <sys/poll.h>.

?S:.

?C:I\_SYS\_POLL:

?C: This symbol, if defined, indicates that the program may include

?C: <sys/poll.h>. When I\_POLL is also defined, it's probably safest

?C: to only include <poll.h>.

?C:.

?H:#\$i\_syspoll I\_SYS\_POLL /\*\*/

?H:.

?LINT:set i\_syspoll

: see if there is a sys/poll.h file

set sys/poll.h i\_syspoll

eval \$inhdr

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_syspoll.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_niin.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: i_niin.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:24 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: This unit looks wether <netinet/in.h> is available or not
```

```
?X:
```

```
?MAKE:i_niin i_sysin: Inhdr
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_niin:
```

```
?S: This variable conditionally defines I_NETINET_IN, which indicates
```

```
?S: to the C program that it should include <netinet/in.h>. Otherwise,
```

```
?S: you may try <sys/in.h>.
```

```
?S:.
```

```
?S:i_sysin:
```

```
?S: This variable conditionally defines I_SYS_IN, which indicates
```

```
?S: to the C program that it should include <sys/in.h> instead of
```

```
?S: <netinet/in.h>.
```

```
?S:.
```

```
?C:I_NETINET_IN:
```

```
?C: This symbol, if defined, indicates to the C program that it should
```

```
?C: include <netinet/in.h>. Otherwise, you may try <sys/in.h>.
```

```
?C:.
```

```
?C:I_SYS_IN (I_SYSIN):
```

```
?C: This symbol, if defined, indicates to the C program that it should
```

```
?C: include <sys/in.h> instead of <netinet/in.h>.
```

```
?C:.
```

```
?H:#$i_niin I_NETINET_IN /**/
```

```
?H:#$i_sysin I_SYS_IN /**/
```

```
?H:.
```

```
?LINT:set i_niin i_sysin
```

```
: see if this is a netinet/in.h or sys/in.h system
```

```
set netinet/in.h i_niin sys/in.h i_sysin
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_niin.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: defeditor.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
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```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: defeditor.U,v $
```

```
?RCS: Revision 3.0.1.1 1995/01/11 15:30:16 ram
```

```
?RCS: patch45: can now use the 'vi' variable since path stripping is deferred
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:08:05 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE: defeditor: Getfile Oldconfig Loc vi
```

```
?MAKE: -pick add $@ %<
```

```
?S: defeditor:
```

```
?S: This variable contains the eventual value of the DEFEDITOR symbol,
```

```
?S: which contains the name of the default editor.
```

```
?S:.
```

```
?C: DEFEDITOR:
```

```
?C: This symbol contains the full pathname of the default editor.
```

```
?C:.
```

```
?H: #define DEFEDITOR "$defeditor" /**/
```

```
?H:.
```

```
: determine default editor
```

```
echo " "
```

```
case "$defeditor" in
```

```
  ")
```

```
    case "$vi" in
```

```
      */*) dflt="$vi";;
```

```
      *) dflt=/usr/ucb/vi;;
```

```
    esac
```

```
    ;;
```

```
  *) dflt="$defeditor"
```

```
    ;;
```

```
  esac
```

```
  fn=f/
```

```
  rp="What is the default editor on your system?"
```

```
./getfile
defeditor="$ans"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/defeditor.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Extract.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 14:58:52 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 15:51:46 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:52 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit produces a shell script which can be doted in order to extract

?X: .SH files with variable substitutions.

?X:

?X: When running Configure from a remote directory (\$src is not !),

?X: then the files will be created in that directory, so beware!

?X:

?MAKE:Extract: Mkdirp src

?MAKE: -pick add \$@ %<

?F:./extract

?T:CONFIG SRC dir file

: script used to extract .SH files with variable substitutions

```
cat >extract <<EOS
```

```
CONFIG=true
```

```
SRC="$src"
```

```
EOS
```

```
cat >>extract <<'EOS'
```

```
echo "Doing variable substitutions on .SH files..."
```

```
if test -f "$SRC/MANIFEST"; then
```

```
set x `awk '{print $1}' <$SRC/MANIFEST | grep '\.SH`
```

```

else
echo "(Looking for .SH files under the source directory.)"
set x `(cd "$SRC"; find . -name "*.SH" -print)`
fi
shift
case $# in
0) set x `(cd "$SRC"; echo *.SH)`; shift;;
esac
if test ! -f "$SRC/$1"; then
shift
fi
for file in $*; do
case "$SRC" in
".")
case "$file" in
*/*)
dir=`expr X$file : 'X\(.*)/'`
file=`expr X$file : 'X.*\^(.*)'`
(cd $dir && . ./file)
;;
*)
. ./file
;;
esac
;;
*)
?X:
?X: When running Configure remotely ($src is not '.'), we cannot source
?X: the files directly, since that would wrongly cause the extraction
?X: where the source lie instead of withing the current directory. Therefore,
?X: we need to 'sh <file' then, which is okay since they will source the
?X: existing config.sh file. It's not possible to use:
?X: ../src/Configure -S -O -Dsomething
?X: unfortunately since no new config.sh with the -Dsomething override
?X: will be created before running the .SH files. A minor buglet.
?X:
?X: Note that we must create the directory hierarchy ourselves if it does
?X: not exist already, and that is done through a shell emulation of the
?X: 'mkdir -p' command. We don't want to use the $installdir metaconfig
?X: symbol here since that would require too much to be configured for
?X: this simple extraction task that may happen quickly with 'Configure -S'.
?X: -- RAM, 18/03/96
?X:
case "$file" in
*/*)
dir=`expr X$file : 'X\(.*)/'`
file=`expr X$file : 'X.*\^(.*)'`
./mkdirp $dir

```



```

sh <"$SRC/$dir/$file"
;;
*)
sh <"$SRC/$file"
;;
esac
;;
esac
done
if test -f "$SRC/config_h.SH"; then
if test ! -f config.h; then
?X: oops, they left it out of MANIFEST, probably, so do it anyway.
sh <"$SRC/config_h.SH"
fi
fi
EOS

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Extract.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: newsspool.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: newsspool.U,v $
?RCS: Revision 3.0 1993/08/18 12:09:24 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:newsspool newsspoolexp: Getfile Oldconfig
?MAKE: -pick add $@ %<
?S:newsspool:
?S: This variable contains the eventual value of the NEWSSPOOL symbol,
?S: which is the directory name where news articles are spooled. It
?S: may have a ~ on the front of it.
?S:.
?S:newsspoolexp:
?S: This is the same as the newsspool variable, but is filename expanded
?S: at configuration time, for programs not wanting to deal with it at
?S: run-time.
?S:.

```

?C:NEWSSPOOL:

?C: This symbol contains the directory name where news articles are

?C: spooled. The program must be prepared to do ~ expansion on it.

?C:.

?C:NEWSSPOOL\_EXP:

?C: This is the same as NEWSSPOOL, but is filename expanded at

?C: configuration time, for use in programs not willing to do so

?C: at run-time.

?C:.

```
?H:#define NEWSSPOOL "$newsspool" /**/
```

```
?H:#define NEWSSPOOL_EXP "$newspoolexp" /**/
```

?H:.

```
: locate news spool directory
```

```
case "$newsspool" in
```

```
)
```

```
  dflt=/usr/spool/news
```

```
;;
```

```
*) dflt="$newsspool";;
```

```
esac
```

```
echo " "
```

```
fn=d~
```

```
rp='Where are news spooled?'
```

```
./getfile
```

```
newsspool="$ans"
```

```
newspoolexp="$ansexp"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/newsspool.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

```
?RCS: $Log: models.U,v $
```

```
?RCS: Revision 3.0.1.2 1997/02/28 16:13:17 ram
```

```
?RCS: patch61: added ?F: metalint hint
```

?RCS:

```
?RCS: Revision 3.0.1.1 1993/08/25 14:02:39 ram
```

```
?RCS: patch6: added default for large
```

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:17 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:models split small medium large huge: test cat Myread sysman Oldconfig \  
 Loc Warn contains rm

?MAKE: -pick add \$@ %<

?S:models:

?S: This variable contains the list of memory models supported by this  
 ?S: system. Possible component values are none, split, unsplit, small,  
 ?S: medium, large, and huge. The component values are space separated.

?S:.

?S:split:

?S: This variable contains a flag which will tell the C compiler and loader  
 ?S: to produce a program that will run in separate I and D space, for those  
 ?S: machines that support separation of instruction and data space. It is  
 ?S: up to the Makefile to use this.

?S:.

?S:small:

?S: This variable contains a flag which will tell the C compiler and loader  
 ?S: to produce a program running with a small memory model. It is up to  
 ?S: the Makefile to use this.

?S:.

?S:medium:

?S: This variable contains a flag which will tell the C compiler and loader  
 ?S: to produce a program running with a medium memory model. If the  
 ?S: medium model is not supported, contains the flag to produce large  
 ?S: model programs. It is up to the Makefile to use this.

?S:.

?S:large:

?S: This variable contains a flag which will tell the C compiler and loader  
 ?S: to produce a program running with a large memory model. It is up to  
 ?S: the Makefile to use this.

?S:.

?S:huge:

?S: This variable contains a flag which will tell the C compiler and loader  
 ?S: to produce a program running with a huge memory model. If the  
 ?S: huge model is not supported, contains the flag to produce large  
 ?S: model programs. It is up to the Makefile to use this.

?S:.

?T:unsplit tans modelcc

?F:!pdp11

?D:large=""

?LINT:extern cc

: see what memory models we can support  
 case "\$models" in  
 ")  
 ?X: We may not use Cppsym or we get a circular dependency through cc.  
 ?X: But this should work regardless of which cc we eventually use.

```

$cat >pdp11.c <<'EOP'
int main() {
#ifdef pdp11
    exit(0);
#else
    exit(1);
#endif
}
EOP
?X: Run cc in a subshell in case they don't have a 'cc' command.
?X: Presumably they do have gcc or something.
case "$cc" in
    ") modelcc="$cc" ;;
    *) modelcc="cc" ;;
esac
( $modelcc -o pdp11 pdp11.c ) >/dev/null 2>&1
if $test -f pdp11 && ./pdp11 2>/dev/null; then
    dflt='unsplit split'
else
    tans=`.loc . X /lib/small /lib/large /usr/lib/small /usr/lib/large /lib/medium /usr/lib/medium /lib/huge`
    case "$tans" in
        X) dflt='none';;
        *) if $test -d /lib/small || $test -d /usr/lib/small; then
            dflt='small'
        else
            dflt="
        fi
        if $test -d /lib/medium || $test -d /usr/lib/medium; then
            dflt="$dflt medium"
        fi
        if $test -d /lib/large || $test -d /usr/lib/large; then
            dflt="$dflt large"
        fi
        if $test -d /lib/huge || $test -d /usr/lib/huge; then
            dflt="$dflt huge"
        fi
    esac
fi;;
*) dflt="$models";;
esac
$cat <<EOM

```

Some systems have different model sizes. On most systems they are called small, medium, large, and huge. On the PDP11 they are called unsplit and split. If your system doesn't support different memory models, say "none". If you wish to force everything to one memory model, say "none" here and put the appropriate flags later when it asks you for other cc and ld flags. Venix systems may wish to put "none" and let the compiler figure things out.

(In the following question multiple model names should be space separated.)

The default for most systems is "none".

EOM

```
rp="Which memory models are supported?"
```

```
./myread
```

```
models="$ans"
```

```
case "$models" in
```

```
none)
```

```
small="
```

```
medium="
```

```
large="
```

```
huge="
```

```
unsplit="
```

```
split="
```

```
::
```

```
*split)
```

```
case "$split" in
```

```
) if $contains \-i' $sysman/ld.1 >/dev/null 2>&1 || \
```

```
  $contains \-i' $sysman/cc.1 >/dev/null 2>&1; then
```

```
  dflt='-i'
```

```
else
```

```
  dflt='none'
```

```
fi;;
```

```
*) dflt="$split";;
```

```
esac
```

```
rp="What flag indicates separate I and D space?"
```

```
./myread
```

```
tans="$ans"
```

```
case "$tans" in
```

```
none) tans="";;
```

```
esac
```

```
split="$tans"
```

```
unsplit="";;
```

```
*large*|*small*|*medium*|*huge*)
```

```
case "$models" in
```

```
*large*)
```

```
case "$large" in
```

```
) dflt='-M';;
```

```
*) dflt="$large";;
```

```
esac
```

```
rp="What flag indicates large model?"
```

```
./myread
```

```
tans="$ans"
```

```
case "$tans" in
```

```
none) tans="";
```

```

esac
large="$tans";;
*) large="";;
esac
case "$models" in
*huge*) case "$huge" in
") dflt='-Mh';;
*) dflt="$huge";;
esac
rp="What flag indicates huge model?"
./myread
tans="$sans"
case "$tans" in
none) tans="";
esac
huge="$tans";;
*) huge="$large";;
esac
case "$models" in
*medium*) case "$medium" in
") dflt='-Mm';;
*) dflt="$medium";;
esac
rp="What flag indicates medium model?"
./myread
tans="$sans"
case "$tans" in
none) tans="";
esac
medium="$tans";;
*) medium="$large";;
esac
case "$models" in
*small*) case "$small" in
") dflt='none';;
*) dflt="$small";;
esac
rp="What flag indicates small model?"
./myread
tans="$sans"
case "$tans" in
none) tans="";
esac
small="$tans";;
*) small="";;
esac
;;
*)

```

```
./warn "Unrecognized memory models--you may have to edit Makefile.SH"
;;
esac
$rm -f pdp11.* pdp11
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/models.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msgsnd.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_msgsnd.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:41 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_msgsnd: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_msgsnd:
```

```
?S: This variable conditionally defines the HAS_MSGSND symbol, which
```

```
?S: indicates to the C program that the msgsnd() routine is available.
```

```
?S:.
```

```
?C:HAS_MSGSND:
```

```
?C: This symbol, if defined, indicates that the msgsnd() routine is
```

```
?C: available to send a message into the message queue.
```

```
?C:.
```

```
?H:#$d_msgsnd HAS_MSGSND /**/
```

```
?H:.
```

```
?LINT:set d_msgsnd
```

```
: see if msgsnd exists
```

```
set msgsnd d_msgsnd
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msgsnd.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: models.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: models.U,v \$  
?RCS: Revision 3.0.1.2 1997/02/28 16:13:17 ram  
?RCS: patch61: added ?F: metalint hint  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/25 14:02:39 ram  
?RCS: patch6: added default for large  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:17 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:models split small medium large huge: test cat Myread sysman Oldconfig \  
Loc contains rm  
?MAKE: -pick add \$@ %<  
?S:models:  
?S: This variable contains the list of memory models supported by this  
?S: system. Possible component values are none, split, unsplit, small,  
?S: medium, large, and huge. The component values are space separated.  
?S:.  
?S:split:  
?S: This variable contains a flag which will tell the C compiler and loader  
?S: to produce a program that will run in separate I and D space, for those  
?S: machines that support separation of instruction and data space. It is  
?S: up to the Makefile to use this.  
?S:.  
?S:small:  
?S: This variable contains a flag which will tell the C compiler and loader  
?S: to produce a program running with a small memory model. It is up to  
?S: the Makefile to use this.  
?S:.  
?S:medium:  
?S: This variable contains a flag which will tell the C compiler and loader  
?S: to produce a program running with a medium memory model. If the  
?S: medium model is not supported, contains the flag to produce large  
?S: model programs. It is up to the Makefile to use this.  
?S:.  
?S:large:  
?S: This variable contains a flag which will tell the C compiler and loader  
?S: to produce a program running with a large memory model. It is up to  
?S: the Makefile to use this.  
?S:.



?S:huge:

?S: This variable contains a flag which will tell the C compiler and loader

?S: to produce a program running with a huge memory model. If the

?S: huge model is not supported, contains the flag to produce large

?S: model programs. It is up to the Makefile to use this.

?S:.

?T:unsplit tans modelcc

?F!:pdp11

?D:large="

?LINT:extern cc

: see what memory models we can support

case "\$models" in

")

?X: We may not use Cppsym or we get a circular dependency through cc.

?X: But this should work regardless of which cc we eventually use.

```
$cat >pdp11.c <<'EOP'
```

```
int main() {
```

```
#ifdef pdp11
```

```
    exit(0);
```

```
#else
```

```
    exit(1);
```

```
#endif
```

```
}
```

```
EOP
```

?X: Run cc in a subshell in case they don't have a 'cc' command.

?X: Presumably they do have gcc or something.

```
case "$cc" in
```

```
") modelcc="$cc" ;;
```

```
*) modelcc="cc" ;;
```

```
esac
```

```
( $modelcc -o pdp11 pdp11.c ) >/dev/null 2>&1
```

```
if $test -f pdp11 && ./pdp11 2>/dev/null; then
```

```
    dflt='unsplit split'
```

```
else
```

```
tans=`./loc . X /lib/small /lib/large /usr/lib/small /usr/lib/large /lib/medium /usr/lib/medium /lib/huge`
```

```
case "$tans" in
```

```
X) dflt='none';;
```

```
*) if $test -d /lib/small || $test -d /usr/lib/small; then
```

```
    dflt='small'
```

```
else
```

```
    dflt="
```

```
fi
```

```
if $test -d /lib/medium || $test -d /usr/lib/medium; then
```

```
    dflt="$dflt medium"
```

```
fi
```

```
if $test -d /lib/large || $test -d /usr/lib/large; then
```

```
    dflt="$dflt large"
```

```
fi
```

```

if $test -d /lib/huge || $test -d /usr/lib/huge; then
    dflt="$dflt huge"
fi
esac
fi;;
*) dflt="$models";;
esac
$cat <<EOM

```

Some systems have different model sizes. On most systems they are called small, medium, large, and huge. On the PDP11 they are called unsplit and split. If your system doesn't support different memory models, say "none". If you wish to force everything to one memory model, say "none" here and put the appropriate flags later when it asks you for other cc and ld flags. Venix systems may wish to put "none" and let the compiler figure things out. (In the following question multiple model names should be space separated.)

The default for most systems is "none".

```

EOM
rp="Which memory models are supported?"
. ./myread
models="$ans"

case "$models" in
none)
small="
medium="
large="
huge="
unsplit="
split="
;;
*split)
case "$split" in
") if $contains \-i' $sysman/ld.1 >/dev/null 2>&1 || \
    $contains \-i' $sysman/cc.1 >/dev/null 2>&1; then
    dflt='-i'
else
    dflt='none'
fi;;
*) dflt="$split";;
esac
rp="What flag indicates separate I and D space?"
. ./myread
tans="$ans"
case "$tans" in
none) tans="";;

```

```

esac
split="$stans"
unsplit="";
*large*|*small*|*medium*|*huge*)
case "$models" in
*large*)
case "$large" in
") dflt='-Ml';;
*) dflt="$large";;
esac
rp="What flag indicates large model?"
./myread
tans="$ans"
case "$stans" in
none) tans="";
esac
large="$stans";;
*) large="";;
esac
case "$models" in
*huge*) case "$huge" in
") dflt='-Mh';;
*) dflt="$huge";;
esac
rp="What flag indicates huge model?"
./myread
tans="$ans"
case "$stans" in
none) tans="";
esac
huge="$stans";;
*) huge="$large";;
esac
case "$models" in
*medium*) case "$medium" in
") dflt='-Mm';;
*) dflt="$medium";;
esac
rp="What flag indicates medium model?"
./myread
tans="$ans"
case "$stans" in
none) tans="";
esac
medium="$stans";;
*) medium="$large";;
esac
case "$models" in

```

```

*small*) case "$small" in
  ") dflt='none';;
  *) dflt="$small";;
esac
rp="What flag indicates small model?"
./myread
tans="$ans"
case "$tans" in
  none) tans="";
esac
small="$tans";;
*) small="";;
esac
;;
*)
echo "Unrecognized memory models--you may have to edit Makefile.SH" >&4
;;
esac
$rm -f pdp11.* pdp11

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/models.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setpgid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setpgid.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:41:49 ram
?RCS: patch61: reworded symbol comments
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:06:40 ram
?RCS: patch16: created
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:56 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setpgid: Inlibc
?MAKE:-pick add $@ %<
?S:d_setpgid:

```

?S: This variable conditionally defines the HAS\_SETPGID symbol if the

?S: setpgid(pid, gid) function is available to set process group ID.

?S:.

?C:HAS\_SETPGID:

?C: This symbol, if defined, indicates that the setpgid(pid, gid)

?C: routine is available to set process group ID.

?C:.

?H:#\$d\_setpgid HAS\_SETPGID /\*\*/

?H:.

?LINT:set d\_setpgid

: see if setpgid exists

set setpgid d\_setpgid

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setpgid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_vprintf.U,v 3.0 1993/08/18 12:07:59 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d\_vprintf.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:59 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_vprintf d\_charvspr: Compile Guess cat Csym Setvar run rm\_try \  
i\_stdlib i\_unistd i\_stdarg i\_varargs

?MAKE: -pick add \$@ %<

?S:d\_vprintf:

?S: This variable conditionally defines the HAS\_VPRINTF symbol, which

?S: indicates to the C program that the vprintf() routine is available

?S: to printf with a pointer to an argument list.

?S:.

?S:d\_charvspr:

?S: This variable conditionally defines CHARVSPRINTF if this system

?S: has vsprintf returning type (char\*). The trend seems to be to

?S: declare it as "int vsprintf()".

?S:.

?C:HAS\_VPRINTF (VPRINTF):

?C: This symbol, if defined, indicates that the vprintf routine is available

?C: to printf with a pointer to an argument list. If unavailable, you  
?C: may need to write your own, probably in terms of \_doprnt().  
?C:.  
?C:USE\_CHAR\_VSPRINTF (CHARVSPRINTF):  
?C: This symbol is defined if this system has vsprintf() returning type  
?C: (char\*). The trend seems to be to declare it as "int vsprintf()". It  
?C: is up to the package author to declare vsprintf correctly based on the  
?C: symbol.  
?C:.  
?H:#\$d\_vprintf HAS\_VPRINTF /\*\*/  
?H:#\$d\_charvspr USE\_CHAR\_VSPRINTF /\*\*/  
?H:.  
?T:val2  
?F:!try  
?LINT:set d\_vprintf d\_charvspr  
: see if vprintf exists  
echo " "  
if set vprintf val -f d\_vprintf; eval \$csym; \$val; then  
echo 'vprintf() found.'>&4  
val="\$define"  
\$cat >try.c <<EOF  
#\$i\_stdarg I\_STDARG /\* Only one of these can be defined by i\_varhrd \*/  
#\$i\_varargs I\_VARARGS  
  
#\$i\_stdlib I\_STDLIB  
#\$i\_unistd I\_UNISTD  
  
#ifdef I\_STDARG  
# include <stdarg.h>  
#else /\* I\_VARARGS \*/  
# include <varargs.h>  
#endif  
  
#ifdef I\_UNISTD  
# include <unistd.h>  
#endif  
  
#ifdef I\_STDLIB  
# include <stdlib.h>  
#endif  
  
#include <stdio.h> /\* vsprintf prototype \*/  
  
#ifdef I\_STDARG  
void xxx(int n, ...)  
{  
va\_list args;  
char buf[10];

```

    va_start(args, n);
    exit(((unsigned long)vsprintf(buf,"%s",args) > 10L);
}
int main() { xxx(1, "foo"); }

#else /* I_VARARGS */

xxx(va_alist)
va_dcl
{
    va_list args;
    char buf[10];
    va_start(args);
    exit(((unsigned long)vsprintf(buf,"%s",args) > 10L);
}
int main() { xxx("foo"); }

#endif

EOF
set try
if eval $compile_ok; then
if $run ./try; then
    echo "Your vsprintf() returns (int)." >&4
    val2="$undef"
else
    echo "Your vsprintf() returns (char*)." >&4
    val2="$define"
fi
else
    echo 'I am unable to compile the vsprintf() test program.' >&4
    # We shouldn't get here.  If we do, assume the standard signature,
    # not the old BSD one.
    echo 'Guessing that vsprintf() returns (int).' >&4
    val2="$undef"
fi
else
    echo 'vprintf() NOT found.' >&4
    val="$undef"
    val2="$undef"
fi
$rm_try
set d_vprintf
eval $setvar
val=$val2
set d_charvspr
eval $setvar

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_vprintf.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_ualarm: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_ualarm:

?S: This variable conditionally defines the HAS\_UALARM symbol, which

?S: indicates to the C program that the ualarm() routine is available.

?S:.

?C:HAS\_UALARM:

?C: This symbol, if defined, indicates that the ualarm routine is

?C: available to do alarms with microsecond granularity.

?C:.

?H:#\$d\_ualarm HAS\_UALARM /\*\*/

?H:.

?LINT:set d\_ualarm

: see if ualarm exists

set ualarm d\_ualarm

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_ualarm.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_ctermid\_r.U,v ORCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_ctermid\_r ctermid\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads extern\_C

?MAKE: -pick add \$@ %<

?S:d\_ctermid\_r:

?S: This variable conditionally defines the HAS\_CTERMID\_R symbol,

?S: which indicates to the C program that the ctermid\_r()



?S: routine is available.

?S:.

?S:ctermid\_r\_proto:

?S: This variable encodes the prototype of ctermid\_r.

?S: It is zero if d\_ctermid\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_ctermid\_r

?S: is defined.

?S:.

?C:HAS\_CTERMID\_R:

?C: This symbol, if defined, indicates that the ctermid\_r routine

?C: is available to ctermid re-entrantly.

?C:.

?C:CTERMID\_R\_PROTO:

?C: This symbol encodes the prototype of ctermid\_r.

?C: It is zero if d\_ctermid\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_ctermid\_r

?C: is defined.

?C:.

?H:#\$d\_ctermid\_r HAS\_CTERMID\_R /\*\*/

?H:#define CTERMID\_R\_PROTO \$ctermid\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_ctermid\_r\_proto

: see if ctermid\_r exists

set ctermid\_r d\_ctermid\_r

eval \$inlibc

case "\$d\_ctermid\_r" in

"\$define")

hdrs="\$i\_systypes sys/types.h define stdio.h "

case "\$d\_ctermid\_r\_proto:\$usetthreads" in

":define") d\_ctermid\_r\_proto=define

set d\_ctermid\_r\_proto ctermid\_r \$hdrs

eval \$hasproto ;;

\*) ;;

esac

case "\$d\_ctermid\_r\_proto" in

define)

case "\$ctermid\_r\_proto" in

"|0) try='char\* ctermid\_r(char\*);'

./protochk "\$extern\_C \$try" \$hdrs && ctermid\_r\_proto=B\_B ;;

esac

case "\$ctermid\_r\_proto" in

"|0) d\_ctermid\_r=undef

ctermid\_r\_proto=0

echo "Disabling ctermid\_r, cannot determine prototype." >&4 ;;

\* ) case "\$ctermid\_r\_proto" in

REENTRANT\_PROTO\*) ;;

\*) ctermid\_r\_proto="REENTRANT\_PROTO\_\$ctermid\_r\_proto" ;;

esac

```

echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo "ctermid_r has no prototype, not using it." >&4 ;;
esac
d_ctermid_r=undef
ctermid_r_proto=0
;;
esac
;;
*) ctermid_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_ctermid_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: locdist.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: locdist.U,v \$

?RCS: Revision 3.0.1.1 1994/05/06 15:09:20 ram

?RCS: patch23: added support for multi-state regions (WED)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:06 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:locdist orgdist citydist statedist multistatedist cntrydist contdist: \  
test newslibexp cat Myread Oldconfig

?MAKE: -pick add \$@ %<

?S:locdist:

?S: This variable contains the eventual value of the LOCDIST symbol,

?S: which is the local organization's distribution name for news.

?S:.

?S:orgdist:

?S: This variable contains the eventual value of the ORGDIST symbol,

?S: which is the organization's distribution name for news.

?S:.

?S:citydist:

?S: This variable contains the eventual value of the CITYDIST symbol,

?S: which is the city's distribution name for news.

?S:.

?S:statedist:

?S: This variable contains the eventual value of the STATEDIST symbol,

?S: which is the state's or province's distribution name for news.

?S:.

?S:multistatedist:

?S: This variable contains the eventual value of the MULTISTATEDIST symbol,

?S: which is the news distribution code for multi-state region.

?S:.

?S:centrydist:

?S: This variable contains the eventual value of the CNTRYDIST symbol,

?S: which is the country's distribution name for news.

?S:.

?S:contdist:

?S: This variable contains the eventual value of the CONTDIST symbol,

?S: which is the continent's distribution name for news.

?S:.

?C:LOCDIST:

?C: This symbol contains the distribution name for the news system that

?C: restricts article distribution to the local organization.

?C:.

?C:ORGDIST:

?C: This symbol contains the distribution name for the news system that

?C: restricts article distribution to the organization.

?C:.

?C:CITYDIST:

?C: This symbol contains the distribution name for the news system that

?C: restricts article distribution to the city.

?C:.

?C:STATEDIST:

?C: This symbol contains the distribution name for the news system that

?C: restricts article distribution to the state or province.

?C:.

?C:MULTISTATEDIST:

?C: This symbol contains the distribution name for the news system that

?C: restricts article distribution to a multi-state region.

?C:.

?C:CNTRYDIST:

?C: This symbol contains the distribution name for the news system that

?C: restricts article distribution to the country.

?C:.

?C:CONTDIST:

?C: This symbol contains the distribution name for the news system that

?C: restricts article distribution to the continent.

?C:.

```
?H:#define LOCDIST "$locdist" /**/
?H:#define ORGDIST "$orgdist" /**/
?H:#define CITYDIST "$citydist" /**/
?H:#define MULTISTATEDIST "$multistatedist" /**/
?H:#define STATEDIST "$statedist" /**/
?H:#define CNTRYDIST "$cntrydist" /**/
?H:#define CONTDIST "$contdist" /**/
?H.:
: get the local distributions
$cat <<'EOH'
```

Distribution groups are the things you use on the Distribution line to limit where an article will go to. You are likely to be a member of several distribution groups, such as organization, city, state, province, country, continent, etc. For example, Los Angeles has the distribution code "la", New Jersey has the code "nj", and Europe has the code "eunet".

The categories you will be asked are:

```
local organization (Could be just one machine or a cluster or an office)
organization att, dec, kgb, ...
city la, ny, mosc, ...
state/province ca, nj, bc, ...
multi-state region pnw, ne, ...
country usa, can, rok, whatever
continent na (North America), asia, etc.
```

EOH

```
if $test -f $newslibexp/distributions; then
case "$silent" in
true) ;;
*) dflt='Hit return to continue'
rp="
./myread
;;
esac
echo "Here is your distributions file:" >&4
echo " " >&4
$cat >&4 $newslibexp/distributions
echo " " >&4
fi
echo "Use 'none' for any distributions you don't have."
echo " "
case "$locdist" in
") dflt="none";;
*) dflt="$locdist";;
esac
rp="What is the distribution code for your local organization?"
```

```

./myread
locdist="$ans"
case "$orgdist" in
") dflt="none";;
*) dflt="$orgdist";;
esac
rp="What is the distribution code for your organization?"
./myread
orgdist="$ans"
case "$citydist" in
") dflt="none";;
*) dflt="$citydist";;
esac
rp="What is the distribution code for your city?"
./myread
citydist="$ans"
case "$statedist" in
") dflt="none";;
*) dflt="$statedist";;
esac
rp="What is the distribution code for your state/province?"
./myread
statedist="$ans"
case "$multistatedist" in
") dflt="none";;
*) dflt="$multistatedist";;
esac
rp="What is the distribution code for your multi-state region?"
./myread
multistatedist="$ans"
case "$cntrydist" in
") dflt="none";;
*) dflt="$cntrydist";;
esac
rp="What is the distribution code for your country?"
./myread
cntrydist="$ans"
case "$contdist" in
") dflt="none";;
*) dflt="$contdist";;
esac
rp="What is the distribution code for your continent?"
./myread
contdist="$ans"
$cat <<'EOM'

```

If you have any other distribution groups you will need to edit Pnews and newsetup to add them.

EOM

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/locdist.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_rename.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_rename.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:54 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_rename: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_rename:

?S: This variable conditionally defines the HAS\_RENAME symbol, which

?S: indicates to the C program that the rename() routine is available

?S: to rename files.

?S:.

?C:HAS\_RENAME (RENAME):

?C: This symbol, if defined, indicates that the rename routine is available

?C: to rename files. Otherwise you should do the unlink(), link(), unlink()

?C: trick.

?C:.

?H:#\$d\_rename HAS\_RENAME /\*\*/

?H:.

?LINT:set d\_rename

: see if rename exists

set rename d\_rename

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_rename.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: sizetype.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:32:10 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:sizetype: Myread Typedef
?MAKE: -pick add $@ %<
?S:sizetype:
?S: This variable defines sizetype to be something like size_t,
?S: unsigned long, or whatever type is used to declare length
?S: parameters for string functions.
?S:.
?C:Size_t:
?C: This symbol holds the type used to declare length parameters
?C: for string functions. It is usually size_t, but may be
?C: unsigned long, int, etc. It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Size_t $sizetype /* length paramater for string functions */
?H:.
: see what type is used for size_t
set size_t sizetype 'unsigned int' stdio.h sys/types.h
eval $typedef
dflt="$sizetype"
echo " "
rp="What type is used for the length parameter for string functions?"
. ./myread
sizetype="$sans"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sizetype.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.

```

?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i\_syssecl: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_syssecl:

?S: This variable conditionally defines the I\_SYS\_SECURITY symbol,

?S: and indicates whether a C program should include <sys/security.h>.

?S:.

?C:I\_SYS\_SECURITY:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <sys/security.h>.

?C:.

?H:#\$i\_syssecl I\_SYS\_SECURITY /\*\*/

?H:.

?LINT:set i\_syssecl

: see if sys/security.h is available

set sys/security.h i\_syssecl

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/i\_syssecl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: Ins.U,v \$

?RCS: Revision 3.0.1.1 1994/06/20 07:05:52 ram

?RCS: patch30: created by ADO

?RCS:

?X:

?X: This unit checks whether symbolic links are really supported.

?X: We can't rely on d\_symlink because that may be listed in the

?X: C library but unimplemented.

?X:

?MAKE:lns: ln rm touch test



```
?MAKE: -pick add $@ %<
?S:lns:
?S: This variable holds the name of the command to make
?S: symbolic links (if they are supported). It can be used
?S: in the Makefile. It is either 'ln -s' or 'ln'
?S:.
: determine whether symbolic links are supported
echo " "
$rm -f blurfl sym
$touch blurfl
if $ln -s blurfl sym > /dev/null 2>&1 && $test -f sym; then
echo "Symbolic links are supported." >&4
lns="$ln -s"
else
echo "Symbolic links are NOT supported." >&4
lns="$ln"
fi
$rm -f blurfl sym
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lns.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getprotby.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getpbyname d_getpbynumber: Inlibc
?MAKE: -pick add $@ %<
?S:d_getpbyname:
?S: This variable conditionally defines the HAS_GETPROTOBYNAME
?S: symbol, which indicates to the C program that the
?S: getprotobyname() routine is available to look up protocols
?S: by their name.
?S:.
?S:d_getpbynumber:
?S: This variable conditionally defines the HAS_GETPROTOBYNUMBER
?S: symbol, which indicates to the C program that the
?S: getpbynumber() routine is available to look up protocols
?S: by their number.
?S:.
?C:HAS_GETPROTOBYNAME:
?C: This symbol, if defined, indicates that the getprotobyname()
?C: routine is available to look up protocols by their name.
```

?C:  
?C:HAS\_GETPROTOBYNUMBER:  
?C: This symbol, if defined, indicates that the getprotobynumber()  
?C: routine is available to look up protocols by their number.  
?C:  
?H:#\$d\_getpbyname HAS\_GETPROTOBYNAME /\*\*/  
?H:#\$d\_getpbynumber HAS\_GETPROTOBYNUMBER /\*\*/  
?H:  
?LINT:set d\_getpbyname d\_getpbynumber  
: Optional checks for getprotobyname and getprotobynumber

```
@if d_getpbyname || HAS_GETPROTOBYNAME  
: see if getprotobyname exists  
set getprotobyname d_getpbyname  
eval $inlibc  
@end
```

```
@if d_getpbynumber || HAS_GETPROTOBYNUMBER  
: see if getprotobynumber exists  
set getprotobynumber d_getpbynumber  
eval $inlibc  
@end
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_getprotby.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endhostent_r.U,v 0RCS:  
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.  
?RCS:  
?MAKE:d_endhostent_r endhostent_r_proto: Inlibc Protochk Hasproto i_systypes \  
  usethreads i_netdb extern_C  
?MAKE: -pick add $@ %<  
?S:d_endhostent_r:  
?S: This variable conditionally defines the HAS_ENDHOSTENT_R symbol,  
?S: which indicates to the C program that the endhostent_r()  
?S: routine is available.  
?S:  
?S:endhostent_r_proto:  
?S: This variable encodes the prototype of endhostent_r.  
?S: It is zero if d_endhostent_r is undef, and one of the  
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endhostent_r
```

?S: is defined.

?S:.

?C:HAS\_ENDHOSTENT\_R:

?C: This symbol, if defined, indicates that the endhostent\_r routine

?C: is available to endhostent re-entrantly.

?C:.

?C:ENDHOSTENT\_R\_PROTO:

?C: This symbol encodes the prototype of endhostent\_r.

?C: It is zero if d\_endhostent\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_endhostent\_r

?C: is defined.

?C:.

?H:#\$d\_endhostent\_r HAS\_ENDHOSTENT\_R /\*\*/

?H:#define ENDHOSTENT\_R\_PROTO \$endhostent\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_endhostent\_r\_proto

: see if endhostent\_r exists

set endhostent\_r d\_endhostent\_r

eval \$inlibc

case "\$d\_endhostent\_r" in

"\$define")

hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_netdb netdb.h"

case "\$d\_endhostent\_r\_proto:\$usethreads" in

":define") d\_endhostent\_r\_proto=define

set d\_endhostent\_r\_proto endhostent\_r \$hdrs

eval \$hasproto ;;

\*) ;;

esac

case "\$d\_endhostent\_r\_proto" in

define)

case "\$endhostent\_r\_proto" in

"|0) try='int endhostent\_r(struct hostent\_data\*);'

./protechk "\$extern\_C \$try" \$hdrs && endhostent\_r\_proto=I\_D ;;

esac

case "\$endhostent\_r\_proto" in

"|0) try='void endhostent\_r(struct hostent\_data\*);'

./protechk "\$extern\_C \$try" \$hdrs && endhostent\_r\_proto=V\_D ;;

esac

case "\$endhostent\_r\_proto" in

"|0) d\_endhostent\_r=undef

endhostent\_r\_proto=0

echo "Disabling endhostent\_r, cannot determine prototype." >&4 ;;

\* ) case "\$endhostent\_r\_proto" in

REENTRANT\_PROTO\*) ;;

\*) endhostent\_r\_proto="REENTRANT\_PROTO\_\$endhostent\_r\_proto" ;;

esac

echo "Prototype: \$try" ;;

esac

```

;;
*) case "$susetthreads" in
define) echo "endhostent_r has no prototype, not using it." >&4 ;;
esac
d_endhostent_r=undef
endhostent_r_proto=0
;;
esac
;;
*) endhostent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endhostent_r.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: filexp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: filexp.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:08 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:filexp: privlib
?MAKE: -pick add $@ %<
?S:filexp:
?S: This symbol contains the full pathname of the filexp script, in case we
?S: are saving the script for posterity.
?S:.
: must not allow self reference
case "$privlib" in
/*)
filexp=$privlib/filexp
;;
*)
filexp=`pwd`/filexp
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/filexp_path.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Warn.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Extract.U,v $
```

```
?X:
```

```
?X: This unit produces a shell script which can be run in order to emit
```

```
?X: an important warning to the user, which will be remembered and shown
```

```
?X: at the end of the Configure run as well.
```

```
?X:
```

```
?X: A typical use would be:
```

```
?X:
```

```
?X: ./warn <<EOM
```

```
?X: Problem with your C compiler: can't turn debugging on.
```

```
?X: EOM
```

```
?X:
```

```
?X: or:
```

```
?X:
```

```
?X: ./warn "Problem with your C compiler: can't turn debugging on."
```

```
?X:
```

```
?X: Which will both display to the user:
```

```
?X:
```

```
?X: *** WARNING:
```

```
?X: *** Problem with your C compiler: can't turn debugging on.
```

```
?X: ***
```

```
?X:
```

```
?MAKE:Warn: startsh eunicefix
```

```
?MAKE:-pick add $@ %<
```

```
?F:./warn
```

```
: script used to emit important warnings
```

```
cat >warn <<EOS
```

```
$startsh
```

```
?X: Read the whole warning message from stdin into a temporary file
```

```
?X: when no argument was supplied.
```

```
if test $# -gt 0; then
```

```
echo "\$@" >msg
```

```
else
```

```

cat >msg
fi
?X: Emit the warning, prefixing all lines with '*** '
echo "*** WARNING:" >&4
sed -e 's/^\*** //' <msg >&4
echo "*** " >&4
?X: Save the warning in the logs, which will be shown again at the end
cat msg >>config.msg
echo " " >>config.msg
rm -f msg
EOS
chmod +x warn
$unicefix warn

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Warn.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Copyright (c) 2000, Jarkko Hietaniemi
?RCS:
?X:
?X: This unit allows the duplication of the source tree to the current
?X: directory via symbolic links. This must be requested explicitly
?X: by them issuing a -Dmksymlinks on the command line.
?X:
?MAKE:Mksymlinks: Mkdirp lns issymlink src rsrc pkgsrc
?MAKE: -pick add $@ %<
?F:!UU
?T: dir filename tmppwd filelist
?LINT:extern mksymlinks
@if {test -f ../MANIFEST}
: Duplicate the tree with symbolic links if -Dmksymlinks was supplied
case "$mksymlinks" in
$define|true|[yY]*)
echo " "
case "$src" in
"|.") echo "Cannot create symlinks in the original directory." >&4

```

```

exit 1
;;
*) case "$lns:$sissymlink" in
*"ln"* -s:"*"test -"?)
echo "Creating the symbolic links..." >&4
echo "(First creating the subdirectories...)" >&4
cd ..
awk '{print $1}' $src/MANIFEST | grep / | sed 's:[^/]*$::' | \
sort -u | while true
do
read dir
test -z "$dir" && break
./UU/mkdirp $dir 2>/dev/null
if test -d $dir; then
: ok
else
echo "Failed to create '$dir'. Aborting." >&4
exit 1
fi
done
echo "(Now creating the symlinks...)" >&4
awk '{print $1}' $src/MANIFEST | while true; do
read filename
test -z "$filename" && break
if test -f $filename; then
if $sissymlink $filename; then
rm -f $filename
fi
fi
if test -f $filename; then
echo "$filename already exists, not symlinking."
else
?X: Note that the following works because "$pkgsrc" is absolute
ln -s $pkgsrc/$filename $filename
fi
done
?X: Check that everything was correctly copied
echo "(Checking current directory...)" >&4
cd UU
awk '$1 !~ /PACK[A-Z]+/ {print $1}' "$rsrc/MANIFEST" | \
(split -l 50 2>/dev/null || split -50)
rm -f missing
tmppwd=`pwd`
for filelist in x??; do
(cd ..; ls `cat "$tmppwd/$filelist" ` \
>/dev/null 2>>"$tmppwd/missing")
done
if test -s missing; then

```

```

    echo "Failed duplication of source tree. Aborting." >&4
    exit 1
fi
;;
*) echo "(I cannot figure out how to do symbolic links, ignoring!)" >&4
;;
esac
;;
esac
;;
esac
@end

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Mksymlinks.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Inhdr.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Inhdr.U,v $
?RCS: Revision 3.0.1.2 1995/05/12 12:01:31 ram
?RCS: patch54: deleted tabs that caused some /bin/sh to core dump (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 15:55:01 ram
?RCS: patch36: call ./whoa explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:01 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit checks wether a set of header files exists or not.
?X: If the first header is not found, the function tries to locate
?X: the next header, and so on, until one is found or there is no
?X: more header in the list.
?X:
?X: To use it, say:
?X: set header i_header [ header2 i_header2 ... ]
?X: eval $inhdr

```



```

?X:
?MAKE:Inhdr: test Findhdr Whoa
?MAKE: -pick add $@ %<
?LINT:define inhdr
?V:inhdr
?S:inhdr:
?S: This shell variable is used internally by Configure to check
?S: wether a set of headers exist or not. A typical use is:
?S: set header i_header [ header2 i_header2 ... ]
?S: eval $inhdr
?S: That will print a message, saying wether header was found or not
?S: and set i_header* accordingly. If the first header is not found,
?S: we try the next one, until the list is empty or one is found.
?S:.
?T:xxx xxf var td xxnf tu yyy instead was cont
: define an alternate in-header-list? function
inhdr='echo " "; td=$define; tu=$undef; yyy=$@;
cont=true; xxf="echo \"<\\$1> found.\" >&4";
case $# in 2) xxnf="echo \"<\\$1> NOT found.\" >&4";;
*) xxnf="echo \"<\\$1> NOT found, ...\" >&4";;
esac;
case $# in 4) instead=instead;; *) instead="at last";; esac;
while $test "$cont"; do
xxx=`./findhdr $1`
var=$2; eval "was=\\$2";
if $test "$xxx" && $test -r "$xxx";
then eval $xxf;
?X: Next line shifted left 1 tabstop to avoid sh core dump on MachTen 2.1.1.
eval "case \\\"\\$var\" in $undef) ./whoa; esac"; eval "$var=\\$td";
cont="";
else eval $xxnf;
?X: Likewise, the next line has been shifted left 1 tabstop -- ADO, 08/03/95
eval "case \\\"\\$var\" in $define) ./whoa; esac"; eval "$var=\\$tu"; fi;
set $yyy; shift; shift; yyy=$@;
case $# in 0) cont="";;
2) xxf="echo \"but I found <\\$1> $instead.\" >&4";
xxnf="echo \"and I did not find <\\$1> either.\" >&4";;
*) xxf="echo \"but I found <\\$1> instead.\" >&4";
xxnf="echo \"there is no <\\$1>, ...\" >&4";;
esac;
done;
?X: Remaining values are set to 'undef'
while $test "$yyy";
do set $yyy; var=$2; eval "was=\\$2";
eval "case \\\"\\$var\" in $define) ./whoa; esac"; eval "$var=\\$tu";
set $yyy; shift; shift; yyy=$@;
done'

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Inhdr.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_qgcvt: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_qgcvt:

?S: This variable conditionally defines the HAS\_QGCVT symbol, which

?S: indicates to the C program that the qgcvt() routine is available.

?S:.

?C:HAS\_QGCVT:

?C: This symbol, if defined, indicates that the qgcvt routine is

?C: available to convert long doubles ("quad doubles") to strings.

?C: This is a low-level routine hopefully faster than sprintf.

?C:.

?H:#\$d\_qgcvt HAS\_QGCVT /\*\*/

?H:.

?LINT:set d\_qgcvt

: see if qgcvt exists

set qgcvt d\_qgcvt

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_qgcvt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_lchown.U,v 3.0.1.1 1994/08/29 16:07:14 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d\_lchown.U,v \$

```

?RCS: Revision 3.0.1.1 1994/08/29 16:07:14 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_lchown: Compile Setvar cat echo
?MAKE: -pick add $@ %<
?S:d_lchown:
?S: This variable conditionally defines the HAS_LCHOWN symbol, which
?S: indicates to the C program that the lchown() routine is available
?S: to operate on a symbolic link (instead of following the link).
?S:.
?C:HAS_LCHOWN :
?C: This symbol, if defined, indicates that the lchown routine is
?C: available to operate on a symbolic link (instead of following the
?C: link).
?C:.
?H:#$d_lchown HAS_LCHOWN /**/
?H:.
?LINT:set d_lchown
: see if lchown exists
echo " "
?X: Some functions (such as lchown()) are present in libc, but are
?X: unimplemented. That is, they always fail and set errno=ENOSYS.
?X:
?X: Thomas Bushnell provided the following sample code and the explanation
?X: that follows.
?X:
?X: The choice of <assert.h> is essentially arbitrary. The GNU libc
?X: macros are found in <gnu/stubs.h>. You can include that file instead
?X: of <assert.h> (which itself includes <gnu/stubs.h>) if you test for
?X: its existence first. <assert.h> is assumed to exist on every system,
?X: which is why it's used here. Any GNU libc header file will include
?X: the stubs macros. If either __stub_NAME or __stub__NAME is defined,
?X: then the function doesn't actually exist. Tests using <assert.h> work
?X: on every system around.
?X:
?X: The declaration of FOO is there to override builtin prototypes for
?X: ANSI C functions.
?X:
?X: I really ought to enhance the inlibc test to check for this, but
?X: I don't have time now. --A.D. 5/1998
?X:
$cat > try.c <<'EOCP'
/* System header to define __stub macros and hopefully few prototypes,
   which can conflict with char lchown(); below. */
#include <assert.h>
/* Override any gcc2 internal prototype to avoid an error. */
/* We use char because int might match the return type of a gcc2
   builtin and then its argument prototype would still apply. */

```

```

char lchown();
int main() {
    /* The GNU C library defines this for functions which it implements
       to always fail with ENOSYS. Some functions are actually named
       something starting with __ and the normal name is an alias. */
    #if defined (__stub_lchown) || defined (__stub___lchown)
        choke me
    #else
        lchown();
    #endif
    ; return 0; }
EOCP
set try
if eval $compile; then
    $echo "lchown() found." >&4
    val="$define"
else
    $echo "lchown() NOT found." >&4
    val="$undef"
fi
set d_lchown
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_lchown.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: privlib.U,v \$

?RCS: Revision 3.0.1.4 1995/09/25 09:17:09 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.3 1995/01/30 14:44:23 ram

?RCS: patch49: can now handle installation prefix changes (from WED)

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:31:52 ram

?RCS: patch32: now uses installation prefix

?RCS:

```

?RCS: Revision 3.0.1.1 1993/09/13 16:12:34 ram
?RCS: patch10: added support for /local/lib (WED)
?RCS: patch10: prompt phrasing made more explicit (WED)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:35 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:privlib privlibexp installprivlib: afs package cat Getfile \
  Oldconfig Prefixit test
?MAKE: -pick add $@ %<
?Y:TOP
?S:privlib:
?S: This variable contains the eventual value of the PRIVLIB symbol,
?S: which is the name of the private library for this package. It may
?S: have a ~ on the front. It is up to the makefile to eventually create
?S: this directory while performing installation (with ~ substitution).
?S:.
?S:privlibexp:
?S: This variable is the ~name expanded version of privlib, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?S:installprivlib:
?S: This variable is really the same as privlibexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?C:PRIVLIB:
?C: This symbol contains the name of the private library for this package.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world. The program
?C: should be prepared to do ~ expansion.
?C:.
?C:PRIVLIB_EXP:
?C: This symbol contains the ~name expanded version of PRIVLIB, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#define PRIVLIB "$privlib" /**/
?H:#define PRIVLIB_EXP "$privlibexp" /**/
?H.:
: determine where private executables go
set dflt privlib lib/$package
eval $prefixit
$cat <<EOM

```

There are some auxiliary files for \$package that need to be put into a private library directory that is accessible by everyone.

EOM

```

fn=d~+
rp='Pathname where the private library files will reside?'
./getfile
if $test "X$privlibexp" != "X$sansexp"; then
installprivlib="
fi
privlib="$ans"
privlibexp="$sansexp"
if $afs; then
$cat <<EOM

```

Since you are running AFS, I need to distinguish the directory in which private files reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```

EOM
case "$installprivlib" in
) dflt=`echo $privlibexp | sed 's#^/afs/#/afs/.#`;;
*) dflt="$installprivlib";;
esac
fn=de~
rp='Where will private files be installed?'
./getfile
installprivlib="$ans"
else
installprivlib="$privlibexp"
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/privlib.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: rootid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: rootid.U,v $
?RCS: Revision 3.0.1.1 1995/01/30 14:45:36 ram
?RCS: patch49: now only prints a single empty line when outputting something
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:42 ram

```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:rootid: sed
?MAKE: -pick add $@ %<
?S:rootid:
?S: This variable contains the eventual value of the ROOTID symbol,
?S: which is the uid of root.
?S:.
?C:ROOTID:
?C: This symbol contains the uid of root, normally 0.
?C:.
?H:#define ROOTID $rootid /**/
?H:.
: determine root id
rootid=`$sed -e "/^root:/{s/^[^:]*:[^:]*:\([^:]*\).*$"/\1/" -e "q" -e "}" -e "d" </etc/passwd`
case "$rootid" in
") rootid=0 ;;
*) echo " "; echo "Root uid = $rootid" >&4 ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/rootid.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_syssock.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_syssock.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:36 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_syssock: Inhdr
?MAKE: -pick add $@ %<
?S:i_syssock:
?S: This variable conditionally defines the I_SYS_SOCKET symbol, and indicates
?S: whether a C program should include <sys/socket.h> before performing socket
?S: operations.
?S:.
?C:I_SYS_SOCKET:
?C: This symbol, if defined, indicates to the C program that it should
```

?C: include <sys/socket.h> before performing socket calls.

?C:.

?H:#\$i\_syssock I\_SYS\_SOCKET /\*\*/

?H:.

?LINT:set i\_syssock

: see if this is a sys/socket.h system

set sys/socket.h i\_syssock

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_syssock.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_fp.U,v \$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_fp: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_fp:

?S: This variable conditionally defines the I\_FP symbol, and indicates

?S: whether a C program should include <fp.h>.

?S:.

?C:I\_FP:

?C: This symbol, if defined, indicates that <fp.h> exists and

?C: should be included.

?C:.

?H:#\$i\_fp I\_FP /\*\*/

?H:.

?LINT:set i\_fp

: see if this is a fp.h system

set fp.h i\_fp

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_fp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: usecbacktrace.U,v \$

?RCS:

?RCS: Copyright (c) 2014 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public



?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: usebacktrace.U,v \$

?RCS:

?MAKE:usebacktrace: Myread Oldconfig Setvar Getfile d\_backtrace

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usebacktrace:

?S: This variable indicates whether we are compiling with backtrace

?S: support.

?S:.

?C:USE\_CBACKTRACE:

?C: This symbol, if defined, indicates that Perl should

?C: be built with support for backtrace.

?C:.

?H:#\$usebacktrace USE\_CBACKTRACE /\*\*/

?H:.

?LINT:extern ccflags

?LINT:change ccflags

: add flags if using c backtrace

case "\$usebacktrace" in

"") usebacktrace=\$undef ;;

[yY]\*|true|\$define)

case "\$d\_backtrace" in

[yY]\*|true|\$define)

case " \$ccflags " in

\*" -DUSE\_C\_BACKTRACE "\*" ) ;; # Already there.

\*) ccflags="\$ccflags -DUSE\_C\_BACKTRACE -g" ;;

esac

;;

\*)

echo "This system does not support backtrace" >&4

usebacktrace=\$undef

;;

esac

;;

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usebacktrace.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: archname.U,v 3.0.1.3 1997/02/28 15:24:32 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: archname.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:24:32 ram

?RCS: patch61: changed the way the archname is mangled from uname

?RCS:

?RCS: Revision 3.0.1.2 1995/05/12 12:05:24 ram

?RCS: patch54: protect against spaces in "uname -m" output (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1995/02/15 14:14:21 ram

?RCS: patch51: created

?RCS:

?MAKE:archname myarchname useversionedarchname: sed Loc Myread Oldconfig \  
osname test rm usethreads usemultiplicity use64bitint use64bitall \  
archname64 uselongdouble longdblsize doublesize targetarch Setvar \  
api\_versionstring usequadmath

?MAKE: -pick add \$@ %<

?S:archname:

?S: This variable is a short name to characterize the current

?S: architecture. It is used mainly to construct the default archlib.

?S:.

?S:myarchname:

?S: This variable holds the architecture name computed by Configure in

?S: a previous run. It is not intended to be perused by any user and

?S: should never be set in a hint file.

?S:.

?S:useversionedarchname:

?S: This variable indicates whether to include the \$api\_versionstring

?S: as a component of the \$archname.

?S:.

?C:ARCHNAME:

?C: This symbol holds a string representing the architecture name.

?C: It may be used to construct an architecture-dependant pathname

?C: where library files may be held under a private library, for

?C: instance.

?C:.

?H:#define ARCHNAME "\$archname" /\*\*/  
?H:.

?T:xxx tarch

?F:!archname.cbu

?INIT:archname="

: determine the architecture name

echo " "

?X: We always recompute archname in case osname changes. However, we need

?X: to be careful since, as ADO rightfully pointed out, some systems pick

?X: silly architecture names (0001307135000-aix on AIX or 9000/715-ux under

?X: HP-UX). Therefore, we allow hint files to supersede our guess and ask

?X: the user for confirmation.

```
if xxx=`./loc arch blurfl $pth`; $test -f "$xxx"; then
  tarch=`arch`-"-$osname"
elif xxx=`./loc uname blurfl $pth`; $test -f "$xxx" ; then
  if uname -m > tmparch 2>&1 ; then
    tarch=`$sed -e 's/ *$//' -e 's/ /_/' \
      -e 's/$/'-"-$osname/" tmparch`
  else
    tarch="$osname"
  fi
  $rm -f tmparch
else
  tarch="$osname"
fi
case "$myarchname" in
|"|$tarch") ;;
*)
  echo "(Your architecture name used to be $myarchname.)"
  archname="
  ;;
esac
case "$targetarch" in
") ;;
?X: Very GCCian.
*) archname=`echo $targetarch|sed 's,^[^]*-,^` ;;
esac
myarchname="$tarch"
case "$sarchname" in
") dflt="$tarch";;
*) dflt="$sarchname";;
esac
rp='What is your architecture name'
./myread
archname="$sans"
```

: optionally add API version to the architecture for versioned archlibs

```
case "$useversionedarchname" in
$define|true|[yY]*) dflt='y';;
*) dflt='n';;
esac
rp='Add the Perl API version to your archname?'
./myread
case "$sans" in
y|Y) useversionedarchname="$define" ;;
*) useversionedarchname="$undef" ;;
esac
```

```

case "$useversionedarchname" in
$define)
case "$archname" in
*-$api_versionstring)
echo "...and architecture name already has -$api_versionstring" >&4
;;
*)
archname="$archname-$api_versionstring"
echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac

@if usethreads
case "$usethreads" in
$define)
echo "Threads selected." >&4
case "$archname" in
*-thread*) echo "...and architecture name already has -thread." >&4
;;
*) archname="$archname-thread"
echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac
@end

@if usemultiplicity
case "$usemultiplicity" in
$define)
echo "Multiplicity selected." >&4
case "$archname" in
*-multi*) echo "...and architecture name already has -multi." >&4
;;
*) archname="$archname-multi"
echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac
@end

@if use64bitint
case "$use64bitint$use64bitall" in
*" $define"*)
case "$archname64" in
")
echo "This architecture is naturally 64-bit, not changing architecture name." >&4

```

```

;;
*)
case "$use64bitint" in
"$define") echo "64 bit integers selected." >&4 ;;
esac
case "$use64bitall" in
"$define") echo "Maximal 64 bitness selected." >&4 ;;
esac
case "$archname" in
*-$archname64*) echo "...and architecture name already has $archname64." >&4
;;
*) archname="$archname-$archname64"
echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac
esac
@end
@if uselongdouble
case "$uselongdouble" in
$define)
echo "Long doubles selected." >&4
case "$longdblsize" in
$doublesize)
echo "...but long doubles are equal to doubles, not changing architecture name." >&4
;;
*)
case "$archname" in
*-$ld*) echo "...and architecture name already has -$ld." >&4
;;
*) archname="$archname-$ld"
echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac
;;
esac
@end
@if usequadmath
case "$usequadmath" in
$define)
echo "quadmath selected." >&4
case "$archname" in
*-$quadmath*) echo "...and architecture name already has -$quadmath." >&4
;;
*) archname="$archname-quadmath"

```

```

echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac
@end
if $test -f archname.cbu; then
echo "Your platform has some specific hints for architecture name, using them..."
. ./archname.cbu
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/archname.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Config\_sh.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 14:57:53 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0.1.2 1995/01/11 14:53:31 ram

?RCS: patch45: moved path stripping from d\_portable.U to end of Configure

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 15:50:37 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:48 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit ends up producing the config.sh script, which contains all the

?X: definitions figured out by Configure. The add.Config\_sh command knows

?X: which variables need to be remembered. It also adds the EOT (ends the

?X: here document redirection with variable substitution).

?X:

?MAKE:Config\_sh: cf\_time cf\_by test spitshell startsh myuname Myread \

End Obsol\_sh Loc +d\_portable package src cat sed

?MAKE: -pick add.Config\_sh \$@ %<

```
?MAKE: -pick add $@ ./Obsol_sh
?MAKE: -pick close.Config_sh $@ %<
?F:!config.over !config.arch
?T:file sfile xsed
?LINT:unclosed EOT
: back to where it started
if test -d ../UU; then
  cd ..
fi
```

```
: configuration may be unconditionally patched via a 'config.arch' file
if $test -f config.arch; then
  echo "I see a config.arch file, loading it." >&4
  . ./config.arch
fi
```

```
: configuration may be patched via a 'config.over' file
if $test -f config.over; then
  echo " "
  dflt=y
  rp='I see a config.over file. Do you wish to load it?'
  . UU/myread
  case "$ans" in
  n*) echo "OK, I'll ignore it.>";;
  *) . ./config.over
     echo "Configuration override changes have been loaded."
     ;;
  esac
fi
```

```
@if d_portable
: in case they want portability, strip down executable paths
?X:
?X: Strip down paths in located executables. For each file, e.g. vi, there
?X: is a $vi variable whose value is for instance '/usr/bin/vi'. By resetting
?X: $vi to 'vi', we rely on the PATH variable to locate the executable...
?X: In order to allow vi='/usr/bin/nvi' which will strip down to vi='nvi',
?X: we can't just say 'eval $file="\$file"', we have to recourse to sed.
?X: We don't use basename since it is less portable than sed.
?X:
case "$d_portable" in
"$define")
  echo " "
  echo "Stripping down executable paths..." >&4
  xsed=$sed
  for file in $loclist $trylist; do
    eval sfile="\$file"
    sfile=`echo $sfile | $xsed -e 's,.*^(.*)\,1,'`
```

```
eval $file="$sfile"
done
;;
esac
```

```
@end
```

```
: create config.sh file
```

```
echo " "
```

```
echo "Creating config.sh..." >&4
```

```
$spitshell <<EOT >config.sh
```

```
$startsh
```

```
#
```

```
# This file was produced by running the Configure script. It holds all the
```

```
# definitions figured out by Configure. Should you modify one of these values,
```

```
# do not forget to propagate your changes by running "Configure -der". You may
```

```
# instead choose to run each of the .SH files by yourself, or "Configure -S".
```

```
#
```

```
# Package name : $package
```

```
# Source directory : $src
```

```
# Configuration time: $cf_time
```

```
# Configured by : $cf_by
```

```
# Target system : $myuname
```

```
EOT
```

```
?X: Command line options are saved by the Options.U unit in the
```

```
?X: temporary file UU/cmdline.opt
```

```
$stest -f UU/cmdline.opt && $cat UU/cmdline.opt >> config.sh
```

```
$spitshell <<EOT >>config.sh
```

```
Found in path(s):
```

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Config_sh.U
```

```
No license file was found, but licenses were detected in source scan.
```

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: gidtype.U,v $
```

```
?RCS: Revision 3.0.1.3 1994/08/29 16:21:44 ram
```

```
?RCS: patch32: now uses new Typedef unit to compute type information
```



?RCS: patch32: removed useless usage of Setvar (for now)

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:21:07 ram

?RCS: patch27: added lint hint

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:01:51 ram

?RCS: patch23: protected gidtype setting via setvar (ADO)

?RCS: patch23: made Gid\_t comment more explicit (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:11 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:gidtype: Myread Typedef Findhdr

?MAKE: -pick add \$@ %<

?S:gidtype:

?S: This variable defines Gid\_t to be something like gid\_t, int,

?S: ushort, or whatever type is used to declare the return type

?S: of getgid(). Typically, it is the type of group ids in the kernel.

?S:.

?C:Gid\_t (GIDTYPE):

?C: This symbol holds the return type of getgid() and the type of

?C: argument to setrgid() and related functions. Typically,

?C: it is the type of group ids in the kernel. It can be int, ushort,

?C: uid\_t, etc... It may be necessary to include <sys/types.h> to get

?C: any typedefed information.

?C:.

?H:#define Gid\_t \$gidtype /\* Type for getgid(), etc... \*/

?H:.

?T:xxx

: see what type gids are declared as in the kernel

```
set gid_t gidtype xxx stdio.h sys/types.h
eval $typedef
case "$gidtype" in
xxx)
xxx=`./findhdr sys/user.h`
set `grep 'groups\[NGROUPS\];' "$xxx" 2>/dev/null` unsigned short
case $1 in
unsigned) dflt="$1 $2" ;;
*) dflt="$1" ;;
esac
;;
*) dflt="$gidtype";;
esac
echo " "
rp="What is the type for group ids returned by getgid()?"
./myread
gidtype="$ans"
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/gidtype.U

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?RCS:

?MAKE:d\_timegm: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_timegm:

?S: This variable conditionally defines the HAS\_TIMEGM symbol, which

?S: indicates to the C program that the timegm () routine is available.

?S:.

?C:HAS\_TIMEGM:

?C: This symbol, if defined, indicates that the timegm routine is

?C: available to do the opposite of gmtime ()

?C:.

?H:#\$d\_timegm HAS\_TIMEGM /\*\*/

?H:.

?LINT:set d\_timegm

: see if timegm exists

set timegm d\_timegm

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_timegm.U

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?RCS:

?RCS: \$Log: stdchar.U,v \$

?RCS: Revision 3.0 1993/08/18 12:09:52 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:stdchar: contains Findhdr cppstdin cppminus rm  
?MAKE: -pick add \$@ %<  
?S:stdchar:  
?S: This variable conditionally defines STDCHAR to be the type of char  
?S: used in stdio.h. It has the values "unsigned char" or "char".  
?S:.  
?C:STDCHAR:  
?C: This symbol is defined to be the type of char used in stdio.h.  
?C: It has the values "unsigned char" or "char".  
?C:.  
?H:#define STDCHAR \$stdchar /\*\*/  
?H:.  
?F:!stdih  
: see what type of char stdio uses.  
echo " "  
?X: untangle the #include nest  
echo '#include <stdio.h>' | \$cppstdin \$cppminus > stdih  
if \$contains 'unsigned.\*char.\*\_ptr;' stdih >/dev/null 2>&1 ; then  
echo "Your stdio uses unsigned chars." >&4  
stdchar="unsigned char"  
else  
echo "Your stdio uses signed chars." >&4  
stdchar="char"  
fi  
\$rm -f stdih

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/stdchar.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_isnanl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_isnanl:

?S: This variable conditionally defines the HAS\_ISNANL symbol, which

?S: indicates to the C program that the isnanl() routine is available.

?S:.

?C:HAS\_ISNANL:

?C: This symbol, if defined, indicates that the isnanl routine is

?C: available to check whether a long double is a NaN.

?C:.

?H:#\$d\_isnanl HAS\_ISNANL /\*\*/

?H:.

?LINT:set d\_isnanl

: see if isnanl exists

set isnanl d\_isnanl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_isnanl.U

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?RCS:

?RCS: \$Log: Extractall.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:00:43 ram

?RCS: patch61: created

?RCS:

?X:

?X: If extraction has been requested, load the configuration file, perform

?X: the extraction and exit.

?X:

?X: This unit was originally a part of Options.U. It had to be removed from

?X: it to prevent a dependency cycle: Extract -> src -> Options -> Extract

?X: The Begin.U unit now requires us before beginning to do anything

?X: interesting, to ensure proper semantics. -- RAM, 15/03/96

?X:

?MAKE:Extractall: Extract Options

?MAKE: -pick wipe \$@ %<

: extract files and exit if asked to do so

case "\$extractsh" in

true)

?X: Undo the forced silent=true when -S was supplied, by probing realsilent

?X: which was set iff -s was also given. See Options.U for details.

case "\$realsilent" in

true) ;;

\*) exec 1>&4;;

esac

case "\$config\_sh" in

\*) config\_sh='config.sh';;

```

esac
echo " "
echo "Fetching answers from $config_sh..."
cd ..
. $config_sh
test "$override" && . /optdef.sh
echo " "
?X: extract has to be run from the top directory, not within UU.
. UU/extract
rm -rf UU
echo "Extraction done."
exit 0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Extractall.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?RCS: \$Log: d\_wifstat.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:47:43 ram

?RCS: patch61: added a ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.2 1995/07/25 14:09:10 ram

?RCS: patch56: re-arranged compile line to include ldflags before objects

?RCS:

?RCS: Revision 3.0.1.1 1995/03/21 08:47:46 ram

?RCS: patch52: created

?RCS:

?MAKE:d\_wifstat: d\_uwait +cc +ccflags +ldflags +libs Oldconfig cat rm

?MAKE: -pick add \$@ %<

?S:d\_wifstat:

?S: This symbol conditionally defines USE\_WIFSTAT if the C program can

?S: safely use the WIFxxx macros with the kind of wait() parameter

?S: declared in the program (see UNION\_WAIT), or if it can't. Should

?S: only matter on HP-UX, where the macros are incorrectly written and

?S: therefore cause programs using them with an 'union wait' variable

?S: to not compile properly.

?S:.

?C:USE\_WIFSTAT:

?C: This symbol, if defined, indicates to the C program that the argument

?C: for the WIFxxx set of macros such as WIFSIGNALED or WIFEXITED can

?C: be of the same kind as the one used to hold the wait() status. Should

?C: only matter on HP-UX, where the macros are incorrectly written and

?C: therefore cause programs using them with an 'union wait' variable

?C: to not compile properly. See also UNION\_WAIT.

?C:.

?H:#\$d\_wifstat USE\_WIFSTAT /\*\*/

?H:.

?T:type

?F:!foo

: see if we can use WIFxxx macros

echo " "

case "\$d\_wifstat" in

"\$define") echo "As before, you can safely use WIFEXITED and friends!" >&4;;

"\$undef") echo "You still can't use WIFEXITED and friends!" >&4;;

\*)

echo "Let's see whether you can use the WIFEXITED(status) macro and its"

case "\$d\_uwait" in

"\$define") type='union wait';;

\*) type='int';;

esac

echo "friends with status declared as '\$type status'..."

\$cat >foo.c <<EOCP

#include <sys/types.h>

#include <sys/wait.h>

int main()

{

  \$type status;

  int e = 0;

#ifdef WIFEXITED

  if (WIFEXITED(status))

    printf("\n");

    exit(0);

  #else

    exit(2);

  #endif

}

EOCP

d\_wifstat="\$undef"

if \$cc \$ccflags \$ldflags -o foo foo.c \$libs >/dev/null 2>&1; then

  if ./foo >/dev/null; then

    echo "Great! Looks like we can use the WIFxxx macros." >&4

```

d_wifstat="$define"
else
echo "You don't seem to have WIFxxx macros, but that's ok." >&4
fi
else
echo "Apparently you can't use WIFxxx macros properly." >&4
fi
$rm -f foo.* foo core
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wifstat.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Inlibc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Inlibc.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 15:55:08 ram
?RCS: patch36: call ./whoa explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:03 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit checks for the definition of a given function.
?X:
?X: To use it, say:
?X: set function d_func
?X: eval $inlibc
?X:
?MAKE:Inlibc: Csym Whoa Oldconfig
?MAKE: -pick add $@ %<
?LINT:define inlibc
?V:inlibc
?S:inlibc:
?S: This shell variable is used internally by Configure to check
?S: wether a given function is defined or not. A typical use is:
?S: set function d_func

```

```

?S: eval $inlibc
?S: That will print a message, saying wether function was found or
?S: not and set d_func accordingly.
?S:.
?T:was tx sym tres td tu var
: define an is-in-libc? function
inlibc='echo " "; td=$define; tu=$undef;
sym=$1; var=$2; eval "was=\$2";
tx=yes;
case "$reuseval$was" in
true) ;;
true*) tx=no;;
esac;
case "$tx" in
yes)
set $sym tres -f;
eval $csym;
case "$tres" in
true)
echo "$sym() found." >&4;
case "$was" in $undef) ./whoa; esac; eval "$var=\$td";
*)
echo "$sym() NOT found." >&4;
case "$was" in $define) ./whoa; esac; eval "$var=\$tu";
esac;;
*)
case "$was" in
$define) echo "$sym() found." >&4;;
*) echo "$sym() NOT found." >&4;;
esac;;
esac'

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/Inlibc.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2017 Dagfinn Ilmari Mannsåker

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_strnlen: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strnlen:

?S: This variable conditionally defines the HAS\_STRNLEN symbol, which



?S: indicates to the C program that the strlen () routine is available.

?S:.

?C:HAS\_STRNLEN:

?C: This symbol, if defined, indicates that the strlen () routine is

?C: available to check the length of a string up to a maximum.

?C:.

?H:#\$d\_strlen HAS\_STRNLEN /\*\*/

?H:.

?LINT:set d\_strlen

: see if strlen exists

set strlen d\_strlen

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_strlen.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_msem\_lck.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: d\_msem\_lck.U,v \$

?MAKE:d\_msem\_lck: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_msem\_lck:

?S: This variable conditionally defines HAS\_MSEM\_LOCK if msem\_lock() is

?S: available, thereby indicating kernel support for memory semaphores.

?S:.

?C:HAS\_MSEM\_LOCK:

?C: This symbol, if defined, indicates that memory semaphores are

?C: available to protect mmap()'ed regions.

?C:.

?H:#\$d\_msem\_lck HAS\_MSEM\_LOCK /\*\*/

?H:.

?LINT:set d\_msem\_lck

: see if msem\_lock exists

set msem\_lock d\_msem\_lck

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/d\_msem\_lck.U

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?RCS: \$Id: libperl.U,v \$

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:libperl useshrplib shrpenv ldlibpthname: \  
Myread Oldconfig archlibexp awk cat libc \  
\_a osname osvers so patchlevel subversion usedl ld \  
ccdlflags installarchlib userelocatableinc

?MAKE: -pick wipe \$@ %<

?S:libperl:

?S: The perl executable is obtained by linking perlmain.c with

?S: libperl, any static extensions (usually just DynaLoader),

?S: and any other libraries needed on this system. libperl

?S: is usually libperl.a, but can also be libperl.so.xxx if

?S: the user wishes to build a perl executable with a shared

?S: library.

?S:.

?S:useshrplib:

?S: This variable is set to 'true' if the user wishes

?S: to build a shared libperl, and 'false' otherwise.

?S:.

?S:shrpenv:

?S: If the user builds a shared libperl.so, then we need to tell the

?S: 'perl' executable where it will be able to find the installed libperl.so.

?S: One way to do this on some systems is to set the environment variable

?S: LD\_RUN\_PATH to the directory that will be the final location of the

?S: shared libperl.so. The makefile can use this with something like

?S: \$shrpenv \$(CC) -o perl perlmain.o \$libperl \$libs

?S: Typical values are

?S: shrpenv="env LD\_RUN\_PATH=\$archlibexp/CORE"

?S: or

?S: shrpenv="

?S: See the main perl Makefile.SH for actual working usage.

?S:

?S: Alternatively, we might be able to use a command line option such

?S: as -R \$archlibexp/CORE (Solaris) or -Wl,-rpath

?S: \$archlibexp/CORE (Linux).

?S:.

?S:ldlibpthname:

?S: This variable holds the name of the shared library

?S: search path, often LD\_LIBRARY\_PATH. To get an empty

?S: string, the hints file must set this to 'none'.

```

?S:.
?T:shrpdir majonly majmin also xxx tmp_shrpenv
?X: metalint gets confused and thinks we're actually setting LDOPTS
?X: and LD_RUN_PATH.
?LINT:extern LDOPTS
?LINT:change LDOPTS
?LINT:extern LD_RUN_PATH
?LINT:change LD_RUN_PATH
?LINT:change ccdlflags
?LINT:extern maintloc maintname
?Y:top
: Do we want a shared libperl?
also="
case "$usedl" in
$undef)
# No dynamic loading being used, so don't bother even to prompt.
useshrplib='false'
;;
*) case "$useshrplib" in
") case "$osname" in
svr4*|nonstopux|dgux|dynixptx|esix|powerux|haiku|cygwin*)
dflt=y
also='Building a shared libperl is required for dynamic loading to work on your system.'
;;
*) dflt=n
;;
esac
;;
$define[true|[Yy]*)
dflt=y
;;
*) dflt=n
;;
esac
$cat << EOM

```

The perl executable is normally obtained by linking perlmain.c with libperl\${\_a}, any static extensions (usually just DynaLoader), and any other libraries needed on this system (such as -lm, etc.). Since your system supports dynamic loading, it is probably possible to build a shared libperl.\$so. If you will have more than one executable linked to libperl.\$so, this will significantly reduce the size of each executable, but it may have a noticeable effect on performance. The default is probably sensible for your system.

\$also

EOM

rp="Build a shared libperl.\$so (y/n)"

```

./myread
case "$ans" in
true|$define[|Yy]*)
  useshrplib='true' ;;
*) useshrplib='false' ;;
esac
;;
esac

case "$useshrplib" in
true)
case "$userelocatableinc" in
true|define)
  echo "Cannot build with both -Duserelocatableinc and -Duseshrplib" >&4
  echo "See INSTALL for an explanation why that won't work." >&4
  exit 4
  ;;
esac
case "$libperl" in
")
  # Figure out a good name for libperl.so. Since it gets stored in
  # a version-specific architecture-dependent library, the version
  # number isn't really that important, except for making cc/ld happy.
  #
  # A name such as libperl.so.10.1
  majmin="libperl.$so.$patchlevel.$subversion"
  # A name such as libperl.so.100
  majonly=`echo $patchlevel $subversion |
  $awk '{printf "%d%02d", $1, $2}'`
  majonly=libperl.$so.$majonly
  # I'd prefer to keep the os-specific stuff here to a minimum, and
  # rely on figuring it out from the naming of libc.
  case "${osname}${osvers}" in
*linux*|gnu*) # ld won't link with a bare -lperl otherwise.
  dflt=libperl.$so
  ;;
cygwin*) # ld links now against the dll directly
  majmin="cygperl5_${patchlevel}_${subversion}.${so}"
  majonly=`echo $patchlevel $subversion |
  $awk '{printf "%03d%03d", $1, $2}'`
  majonly=cygperl5.$majonly.$so
  dflt=$majmin
  ;;
*) # Try to guess based on whether libc has major.minor.
  case "$libc" in
  *libc.$so.[0-9]*.[0-9]*) dflt=$majmin ;;
  *libc.$so.[0-9]*) dflt=$majonly ;;
  *) dflt=libperl.$so ;;

```

```

    esac
    ;;
esac
;;
*) dflt=$libperl
;;
esac
cat << EOM

```

I need to select a good name for the shared libperl. If your system uses library names with major and minor numbers, then you might want something like \$majmin. Alternatively, if your system uses a single version number for shared libraries, then you might want to use \$majonly. Or, your system might be quite happy with a simple libperl.\$so.

Since the shared libperl will get installed into a version-specific architecture-dependent directory, the version number of the shared perl library probably isn't important, so the default should be o.k.

```

EOM
rp='What name do you want to give to the shared libperl?'
. ./myread
libperl=$ans
echo "Ok, I'll use $libperl"
;;
*)
libperl="libperl${_a}"
;;
esac

```

```

# Detect old use of shrpdir via undocumented Configure -Dshrpdir
case "$shrpdir" in
") ;;
*) $cat >&4 <<EOM
WARNING: Use of the shrpdir variable for the installation location of
the shared $libperl is not supported. It was never documented and
will not work in this version. Let me (<$maintloc>)
know of any problems this may cause.

```

```

EOM
case "$shrpdir" in
"$sarchlibexp/CORE")
$cat >&4 <<EOM
But your current setting of $shrpdir is
the default anyway, so it's harmless.
EOM
;;
*)

```

```
$cat >&4 <<EOM
```

Further, your current attempted setting of \$shrpdir conflicts with the value of \$archlibexp/CORE that installperl will use.

```
EOM
```

```
::
```

```
esac
```

```
::
```

```
esac
```

```
# How will the perl executable find the installed shared $libperl?
```

```
# Add $xxx to ccdlflags.
```

```
# If we can't figure out a command-line option, use $shrpenv to
```

```
# set env LD_RUN_PATH. The main perl makefile uses this.
```

```
shrpdir=$archlibexp/CORE
```

```
xxx=""
```

```
tmp_shrpenv=""
```

```
if "$suseshrplib"; then
```

```
  case "$osname" in
```

```
    aix)
```

```
      # We'll set it in Makefile.SH...
```

```
      ::
```

```
    solaris)
```

```
      xxx="-R $shrpdir"
```

```
      ::
```

```
    freebsd|minix|mirbsd|netbsd|openbsd|interix|dragonfly|bitrig)
```

```
      xxx="-Wl,-R$shrpdir"
```

```
      ::
```

```
    bsdos|linux|irix*|dec_osf|gnu*|haiku)
```

```
      xxx="-Wl,-rpath,$shrpdir"
```

```
      ::
```

```
    hpux*)
```

```
      # hpux doesn't like the default, either.
```

```
      tmp_shrpenv="env LDOPTS=\"+s +b${shrpdir}\""
```

```
      ::
```

```
    cygwin)
```

```
      # cygwin needs only ldlibpth
```

```
      ::
```

```
    *)
```

```
      tmp_shrpenv="env LD_RUN_PATH=$shrpdir"
```

```
      ::
```

```
  esac
```

```
  case "$xxx" in
```

```
    ") ::
```

```
  *)
```

```
    # Only add $xxx if it isn't already in ccdlflags.
```

```
    case " $ccdlflags " in
```

```
      *" $xxx "*) ;;
```

```
*) ccdlflags="$ccdlflags $xxx"  
cat <<EOM >&4
```

Adding \$xxx to the flags  
passed to \$ld so that the perl executable will find the  
installed shared \$libperl.

```
EOM  
;;  
esac  
;;  
esac  
fi  
# Fix ccdlflags in AIX for building external extensions.  
# (For building Perl itself bare -bE:perl.exp is needed,  
# Makefile.SH takes care of this.)  
case "$osname" in  
aix) ccdlflags="$ccdlflags -bE:$installarchlib/CORE/perl.exp" ;;  
esac  
# Respect a hint or command-line value.  
case "$shrpenv" in  
") shrpenv="$tmp_shrpenv" ;;  
esac  
case "$ldlibpthname" in  
") ldlibpthname=LD_LIBRARY_PATH ;;  
none) ldlibpthname="" ;;  
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-  
5.30.0/U/perl/libperl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_gdbm.U 1 2006-08-24 12:32:52Z rmanfredi $  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: $Log: i_gdbm.U,v $  
?RCS: Revision 3.0.1.1 1995/05/12 12:16:39 ram  
?RCS: patch54: made more robust by checking both header and lib (ADO)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:08:19 ram
```

```

?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_gdbm: Inhdr Inlibc Setvar
?MAKE: -pick add $@ %<
?S:i_gdbm (d_gdbm):
?S: This variable conditionally defines the I_GDBM symbol, which
?S: indicates to the C program that <gdbm.h> exists and should
?S: be included.
?S:.
?C:I_GDBM (HAS_GDBM):
?C: This symbol, if defined, indicates that <gdbm.h> exists and should
?C: be included.
?C:.
?H:#$i_gdbm I_GDBM /**/
?H:.
?T:t_gdbm d_gdbm_open
?LINT:set i_gdbm
: see if gdbm.h is available
?X: t_gdbm is a tentative check. We might just have the .h, not the lib -- ADO
set gdbm.h t_gdbm
eval $inhdr
case "$t_gdbm" in
$define)
: see if gdbm_open exists
set gdbm_open d_gdbm_open
eval $inlibc
case "$d_gdbm_open" in
$undef)
t_gdbm="$undef"
echo "We won't be including <gdbm.h>"
;;
esac
;;
esac
val="$t_gdbm"
set i_gdbm
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_gdbm.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: inc_version_list.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Andy Dougherty
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```



?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: inc\_version\_list.U,v \$

?RCS:

?MAKE:inc\_version\_list inc\_version\_list\_init d\_inc\_version\_list: cat sed \  
 Getfile perl5 version api\_versionstring rm Myread archname \  
 prefix sitelib\_stem exe\_ext

?MAKE: -pick add \$@ %<

?Y:TOP

?S:inc\_version\_list:

?S: This variable specifies the list of subdirectories in over

?S: which perl.c:incpush() and lib/lib.pm will automatically

?S: search when adding directories to @INC. The elements in

?S: the list are separated by spaces. This is only useful

?S: if you have a perl library directory tree structured like the

?S: default one. See INSTALL for how this works. The versioned

?S: site\_perl directory was introduced in 5.005, so that is the

?S: lowest possible value.

?S:

?S: This list includes architecture-dependent directories back to

?S: version \$api\_versionstring (e.g. 5.5.640) and

?S: architecture-independent directories all the way back to

?S: 5.005.

?S:.

?S:inc\_version\_list\_init:

?S: This variable holds the same list as inc\_version\_list, but

?S: each item is enclosed in double quotes and separated by commas,

?S: suitable for use in the PERL\_INC\_VERSION\_LIST initialization.

?S:.

?S:d\_inc\_version\_list:

?S: This variable conditionally defines PERL\_INC\_VERSION\_LIST.

?S: It is set to undef when PERL\_INC\_VERSION\_LIST is empty.

?S:.

?C:PERL\_INC\_VERSION\_LIST:

?C: This variable specifies the list of subdirectories in over

?C: which perl.c:incpush() and lib/lib.pm will automatically

?C: search when adding directories to @INC, in a format suitable

?C: for a C initialization string. See the inc\_version\_list entry

?C: in Porting/Glossary for more details.

?C:.

?H:#\$d\_inc\_version\_list PERL\_INC\_VERSION\_LIST \$inc\_version\_list\_init /\*\*/  
 ?H:.

?T:stem

: Determine list of previous versions to include in @INC

\$cat > getverlist <<EOPL

```

#!/$perl5 -w
use File::Basename;
\${api_versionstring} = "${api_versionstring}";
\${version} = "${version}";
\${stem} = "${sitelib_stem}";
\${sarchname} = "${sarchname}";
EOPL
$cat >> getverlist <<'EOPL'
# The list found is store twice for each entry: the original name, and
# the binary broken down version as pack "sss", so sorting is easy and
# unambiguous. This will work for all versions that have a maximum of
# three digit groups, separate by '.'s or '_'s. Names are extended with
# ".0.0" to ensure at least three elements for the pack.
# -- H.Merijn Brand (m)'06 23-10-2006

# Can't have leading @ because metaconfig interprets it as a command!
;@inc_version_list=();
# XXX Redo to do opendir/readdir?
if (-d $stem) {
    chdir($stem);
    ;@candidates = map {
[ $_, pack "sss", split m/[._]/, "$_.0.0" ] } glob("5.*");
    ;@candidates = sort { $a->[1] cmp $b->[1]} @candidates;
}
else {
    ;@candidates = ();
}

($pversion, $aversion, $vs5005) = map {
    pack "sss", split m/[._]/, "$_.0.0" } $version, $api_versionstring, "5.005";
foreach $d (@candidates) {
    if ($d->[1] lt $pversion) {
    if ($d->[1] ge $aversion) {
        unshift(@inc_version_list, grep { -d } $d->[0]."/$sarchname", $d->[0]);
    }
    elsif ($d->[1] ge $vs5005) {
        unshift(@inc_version_list, grep { -d } $d->[0]);
    }
    }
    else {
# Skip newer version. I.e. don't look in
# 5.7.0 if we're installing 5.6.1.
    }
}

if (@inc_version_list) {
    print join(' ', @inc_version_list);
}

```

```

else {
    # Blank space to preserve value for next Configure run.
    print " ";
}
EOPL
chmod +x getverlist
case "$inc_version_list" in
*) if test -x "$perl5$exe_ext"; then
    dflt=`$perl5 getverlist`
else
    dflt='none'
fi
;;
$undef) dflt='none' ;;
?X:  Configure -Dinc_version_list='5.6.0/$archname 5.6.0' ...
*) eval dflt="\$inc_version_list" ;;
esac
case "$dflt" in
'| ') dflt=none ;;
esac
case "$dflt" in
5.005) dflt=none ;;
esac
$cat <<EOM

```

In order to ease the process of upgrading, this version of perl can be configured to use modules built and installed with earlier versions of perl that were installed under \$prefix. Specify here the list of earlier versions that this version of perl should check. If Configure detected no earlier versions of perl installed under \$prefix, then the list will be empty. Answer 'none' to tell perl to not search earlier versions.

The default should almost always be sensible, so if you're not sure, just accept the default.

EOM

```

rp='List of earlier versions to include in @INC?'
./myread
case "$ans" in
[Nn]one|'| '$undef) inc_version_list=' ' ;;
*) inc_version_list="$ans" ;;
esac
case "$inc_version_list" in
'| ')
inc_version_list_init='0'
d_inc_version_list="$undef"
;;

```

```
*) inc_version_list_init=`echo $inc_version_list |
  $sed -e 's/^\//' -e 's/ /","/g' -e 's/$"/,0/'
  d_inc_version_list="$define"
;;
esac
$rm -f getverlist
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/inc_version_list.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fcntl.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
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```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_fcntl.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:01 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_fcntl: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_fcntl:
```

```
?S: This variable conditionally defines the HAS_FCNTL symbol, and indicates
```

```
?S: whether the fcntl() function exists
```

```
?S:.
```

```
?C:HAS_FCNTL:
```

```
?C: This symbol, if defined, indicates to the C program that
```

```
?C: the fcntl() function exists.
```

```
?C:.
```

```
?H:#$d_fcntl HAS_FCNTL /**/
```

```
?H:.
```

```
?LINT:set d_fcntl
```

```
: see if this is an fcntl system
```

```
set fcntl d_fcntl
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fcntl.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_perror.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_perror.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:11:38 ram
?RCS: patch32: always define HAS_PERROR even when not used in C code
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:45 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_perror: Inlibc
?MAKE:-pick add $@ %<
?S:d_perror:
?S: This variable conditionally remaps perror to a null action and
?S: defines the symbol HAS_PERROR, which indicates to the C program
?S: that the perror() routine is not available to print system
?S: error messages.
?S:.
?C:HAS_PERROR ~ %<:
?C: This symbol, if defined, indicates that the perror() routine is
?C: available to print system error messages. If not defined, you should
?C: use your own diagnostic routine...
?C:.
?C:perror ~ %<:
?C: This symbol is maped to null if the perror() routine is not
?C: available to print system error messages.
?C:.
?H:%<:#$d_perror HAS_PERROR /**/
?H:%<:#ifndef HAS_PERROR
?H:%<:#define perror(s) ; /* mapped to a null statement */
?H:%<:#endif
?H:.
?LINT:set d_perror
: see if perror exists
set perror d_perror
eval $inlibc

Found in path(s):
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_perror.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_finite: Inlibc
?MAKE: -pick add $@ %<
?S:d_finite:
?S: This variable conditionally defines the HAS_FINITE symbol, which
?S: indicates to the C program that the finite() routine is available.
?S:.
?C:HAS_FINITE:
?C: This symbol, if defined, indicates that the finite routine is
?C: available to check whether a double is finite (non-infinity non-NaN).
?C:.
?H:#$d_finite HAS_FINITE /**/
?H:.
?LINT:set d_finite
: see if finite exists
set finite d_finite
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_finite.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_tgamma: Inlibc
?MAKE: -pick add $@ %<
?S:d_tgamma:
?S: This variable conditionally defines the HAS_TGAMMA symbol, which
?S: indicates to the C program that the tgamma() routine is available
?S: for the gamma function. See also d_lgamma.
?S:.
?C:HAS_TGAMMA:
?C: This symbol, if defined, indicates that the tgamma routine is
?C: available to do the gamma function. See also HAS_LGAMMA.
?C:.
?H:#$d_tgamma HAS_TGAMMA /**/
?H:.
?LINT:set d_tgamma
```

```
: see if tgamma exists
set tgamma d_tgamma
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_tgamma.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: h_fcntl.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: h_fcntl.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:12 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:h_fcntl: Nothing
```

```
?MAKE: -pick add $@ %<
```

```
?S:h_fcntl:
```

```
?S: This is variable gets set in various places to tell i_fcntl that
```

```
?S: <fcntl.h> should be included.
```

```
?S:.
```

```
: Initialize h_fcntl
```

```
h_fcntl=false
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/h_fcntl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_rusage.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_rusage.U,v $
```

?RCS: Revision 3.0 1993/08/18 12:06:57 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X: We may need to include <sys/resource.h> and <sys/time.h> FIXME  
?X:INC: i\_sysresrc i\_systime  
?MAKE:d\_rusage: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_rusage (d\_getrusg):  
?S: This variable conditionally defines the HAS\_GETRUSAGE symbol, which  
?S: indicates that the getrusage() routine exists. The getrusage() routine  
?S: supports sub-second accuracy for process cpu accounting. You may need  
?S: to include <sys/resource.h> and <sys/time.h>.  
?S:.  
?C:HAS\_GETRUSAGE (RUSAGE GETRUSAGE):  
?C: This symbol, if defined, indicates that the getrusage() routine is  
?C: available to get process statistics with a sub-second accuracy.  
?C: Inclusion of <sys/resource.h> and <sys/time.h> may be necessary.  
?C:.  
?H:#\$d\_rusage HAS\_GETRUSAGE /\*\*/  
?H:.  
?LINT:set d\_rusage  
: see if getrusage exists  
set getrusage d\_rusage  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_rusage.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2016 Tony Cook  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:dtraceobject dtracexnolibs: usedtrace dtrace cc cflags optimize \  
Compile cat rm\_try  
?MAKE: -pick add \$@ %<  
?S:dtraceobject:  
?S: Whether we need to build an object file with the dtrace tool.  
?S:.  
?S:dtracexnolibs:  
?S: Whether dtrace accepts -xnolibs. If available we call dtrace -h  
?S: and dtrace -G with -xnolibs to allow dtrace to run in a jail on  
?S: FreeBSD.  
?S:.  
?F: !perltrace.h  
?T:xnolibs



```

: Probe whether dtrace builds an object, as newer Illumos requires an input
: object file that uses at least one of the probes defined in the .d file
case "$usedtrace" in
$define)
  case "$dtracexnolib" in
  $define|true|[yY]*)
    dtracexnolib=$define
$dtrace -h -xnolib -s ../perldtrace.d -o perldtrace.h
;;
  *)
    if $dtrace -h -xnolib -s ../perldtrace.d -o perldtrace.h 2>&1 ; then
      dtracexnolib=$define
      echo "Your dtrace accepts -xnolib"
    elif $dtrace -h -s ../perldtrace.d -o perldtrace.h 2>&1 ; then
      dtracexnolib=$undef
      echo "Your dtrace doesn't accept -xnolib"
    else
      echo "Your dtrace doesn't work at all, try building without dtrace support" >&4
      exit 1
    fi
  ;;
  *)
    dtracexnolib=$undef
$dtrace -h -s ../perldtrace.d -o perldtrace.h
;;
esac
case $dtracexnolib in
$define) xnolib=-xnolib ;;
*) xnolib= ;;
esac

case "$dtraceobject" in
$define|true|[yY]*)
  dtraceobject=$define
  ;;
  *)
    $cat >try.c <<EOM
#include "perldtrace.h"
int main(void) {
  PERL_LOADED_FILE("dummy");
  return 0;
}
EOM
  dtraceobject=$undef
  if $cc -c -o try.o $optimize $ccflags try.c \
    && $dtrace -G $xnolib -s ../perldtrace.d try.o >/dev/null 2>&1 ; then
    dtraceobject=$define
    echo "Your dtrace builds an object file"

```

```
fi
;;
*) dtraceobject=$undef ;;
esac
$rm_try perldtrace.o perldtrace.h
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/dtraceobject.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorarch.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999, Andy Dougherty

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorarch.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?MAKE:d\_vendorarch vendorarch vendorarchexp installvendorarch: sed Getfile \  
Setprefixvar Oldconfig Prefixit archname vendorlib vendorprefix test

?MAKE: -pick add \$@ %<

?Y:TOP

?S:vendorarch:

?S: This variable contains the value of the PERL\_VENDORARCH symbol.

?S: It may have a ~ on the front.

?S: The standard distribution will put nothing in this directory.

?S: Vendors who distribute perl may wish to place their own

?S: architecture-dependent modules and extensions in this directory with

?S: MakeMaker Makefile.PL INSTALLDIRS=vendor

?S: or equivalent. See INSTALL for details.

?S:.

?S:vendorarchexp:

?S: This variable is the ~name expanded version of vendorarch, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installvendorarch="

?S:installvendorarch:

?S: This variable is really the same as vendorarchexp but may differ on

?S: those systems using AFS. For extra portability, only this variable

?S: should be used in makefiles.

```

?S:.
?S:d_vendorarch:
?S: This variable conditionally defined PERL_VENDORARCH.
?S:.
?C:PERL_VENDORARCH:
?C: If defined, this symbol contains the name of a private library.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world.
?C: It may have a ~ on the front.
?C: The standard distribution will put nothing in this directory.
?C: Vendors who distribute perl may wish to place their own
?C: architecture-dependent modules and extensions in this directory with
?C: MakeMaker Makefile.PL INSTALLDIRS=vendor
?C: or equivalent. See INSTALL for details.
?C:.
?C:PERL_VENDORARCH_EXP:
?C: This symbol contains the ~name expanded version of PERL_VENDORARCH, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#$d_vendorarch PERL_VENDORARCH "$vendorarch" /**/
?H:#$d_vendorarch PERL_VENDORARCH_EXP "$vendorarchexp" /**/
?H:.
?LINT:change prefixvar
?LINT:set installvendorarch
: Set the vendorarch variables
case "$vendorprefix" in
") d_vendorarch="$undef"
vendorarch="
vendorarchexp="
;;
*) d_vendorarch="$define"
: determine where vendor-supplied architecture-dependent libraries go.
: vendorlib default is /usr/local/lib/perl5/vendor_perl/$version
: vendorarch default is /usr/local/lib/perl5/vendor_perl/$version/$archname
: vendorlib may have an optional trailing /share.
case "$vendorarch" in
") dflt=`echo $vendorlib | $sed 's,/share$,,'`
dflt="$dflt/$archname"
;;
*) dflt="$vendorarch" ;;
esac
fn=d~+
rp='Pathname for vendor-supplied architecture-dependent files?'
./getfile
vendorarch="$ans"
vendorarchexp="$ansexp"
;;
esac

```

```
prefixvar=vendorarch
./installprefix
if $test X"$vendorarch" = X"$vendorlib"; then
  d_vendorarch="$undef"
else
  d_vendorarch="$define"
fi
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorarch.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setpwent.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1998 Andy Dougherty
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?RCS: $Log: d_setpwent.U,v $
```

```
?RCS:
```

```
?MAKE:d_setpwent: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_setpwent:
```

```
?S: This variable conditionally defines the HAS_SETPWENT symbol, which
```

```
?S: indicates to the C program that the setpwent() routine is available
```

```
?S: for initializing sequential access to the passwd database.
```

```
?S:.
```

```
?C:HAS_SETPWENT:
```

```
?C: This symbol, if defined, indicates that the setpwent routine is
```

```
?C: available for initializing sequential access of the passwd database.
```

```
?C:.
```

```
?H:#$d_setpwent HAS_SETPWENT /**/
```

```
?H:.
```

```
?LINT:set d_setpwent
```

```
: see if setpwent exists
```

```
set setpwent d_setpwent
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setpwent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 2003 Jarkko Hietaniemi
```

```

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_faststdio: Setvar \
d_stdstdio d_stdio_ptr_lval d_stdio_cnt_lval d_stdio_ptr_lval_sets_cnt
?MAKE: -pick add $@ %<
?S:d_faststdio:
?S: This variable conditionally defines the HAS_FAST_STDIO symbol,
?S: which indicates to the C program that the "fast stdio" is available
?S: to manipulate the stdio buffers directly.
?S:.
?C:HAS_FAST_STDIO:
?C: This symbol, if defined, indicates that the "fast stdio"
?C: is available to manipulate the stdio buffers directly.
?C:.
?H:#$d_faststdio HAS_FAST_STDIO /**/
?H:.
?LINT:set d_faststdio
: see if fast_stdio exists
val="$undef"
case "$d_stdstdio:$d_stdio_ptr_lval" in
"$define:$define")
case "$d_stdio_cnt_lval$d_stdio_ptr_lval_sets_cnt" in
*$define*)
echo "You seem to have 'fast stdio' to directly manipulate the stdio buffers." >& 4
val="$define"
;;
esac
;;
esac
set d_faststdio
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_faststdio.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_usendir.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```

?RCS:
?RCS: $Log: d_usendir.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:47:34 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:52 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_usendir i_ndir ndirlib: test Setvar Findhdr d_readdir _a
?MAKE: -pick add $@ %<
?S:d_usendir:
?S: This variable conditionally defines the EMULATE_NDIR symbol, which
?S: indicates to the C program that it should compile the ndir.c code
?S: provided with the package.
?S:.
?S:i_ndir (d_libndir):
?S: This variable conditionally defines the I_NDIR symbol, which
?S: indicates to the C program that it should include the system's
?S: version of ndir.h, rather than the one with this package.
?S:.
?S:ndirlib:
?S: The name of the library to include at linking stage to resolve ndir
?S: symbols. It is up to the makefile to use this value.
?S:.
?C:EMULATE_NDIR (USENDIR):
?C: This symbol, if defined, indicates that the program should compile
?C: the ndir.c code provided with the package.
?C:.
?C:I_NDIR (LIBNDIR):
?C: This symbol, if defined, indicates that the program should include the
?C: system's version of ndir.h, rather than the one with this package.
?C:.
?H:#$d_usendir EMULATE_NDIR /**/
?H:#$i_ndir I_NDIR /**/
?H:.
?T:val2
?LINT: set d_usendir i_ndir
: see if there are directory access routines out there
echo " "
if $test `./findhdr ndir.h` && \
( $test -r /usr/lib/libndir$_a || $test -r /usr/local/lib/libndir$_a ); then
echo "Ndir library found." >&4
if $test -r /usr/lib/libndir$_a; then
ndirlib='-lndir'
else
ndirlib="/usr/local/lib/libndir$_a"
fi

```

```

val2="$define"
val="$undef"
else
ndirlib="
val2="$undef"
case "$d_readdir" in
"$define")
echo "No ndir library found, but you have readdir() so we'll use that." >&4
val="$undef";
;;
*)
echo "No ndir library found." >&4
val="$define"
;;
esac
fi
set d_usendir
eval $setvar
val="$val2"
set i_ndir
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_usendir.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_statfs\_f\_flags: \

Hasfield i\_sysparam i\_sysmount i\_systypes \

i\_sysvfs i\_sysstatfs Setvar d\_statfs\_s

?MAKE: -pick add \$@ %<

?S:d\_statfs\_f\_flags:

?S: This variable conditionally defines the HAS\_STRUCT\_STATFS\_F\_FLAGS

?S: symbol, which indicates to struct statfs from has f\_flags member.

?S: This kind of struct statfs is coming from sys/mount.h (BSD),

?S: not from sys/statfs.h (SYSV).

?S:.

?C:HAS\_STRUCT\_STATFS\_F\_FLAGS:

?C: This symbol, if defined, indicates that the struct statfs

?C: does have the f\_flags member containing the mount flags of

?C: the filesystem containing the file.

```

?C: This kind of struct statfs is coming from <sys/mount.h> (BSD 4.3),
?C: not from <sys/statfs.h> (SYSV). Older BSDs (like Ultrix) do not
?C: have statfs() and struct statfs, they have ustat() and getmnt()
?C: with struct ustat and struct fs_data.
?C:.
?H:#$d_statfs_f_flags HAS_STRUCT_STATFS_F_FLAGS /**/
?H:.
?LINT:set d_statfs_f_flags
: see if struct statfs knows about f_flags
case "$d_statfs_s" in
define)
echo " "
echo "Checking to see if your struct statfs has f_flags field..." >&4
set d_statfs_f_flags statfs f_flags $i_systypes sys/types.h $i_sysparam sys/param.h $i_sysmount sys/mount.h
$i_sysvfs sys/vfs.h $i_sysstatfs sys/statfs.h
eval $hasfield
;;
*) val="$undef"
set d_statfs_f_flags
eval $setvar
;;
esac
case "$d_statfs_f_flags" in
"$define") echo "Yes, it does." ;;
*) echo "No, it doesn't." ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_statfs_f_flags.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_getsent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_getsent.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getsent: Inlibc
?MAKE: -pick add $@ %<

```



?S:d\_getsent:

?S: This variable conditionally defines HAS\_GETSERVENT if getservernt() is

?S: available to look up network services in some data base or another.

?S:.

?C:HAS\_GETSERVENT:

?C: This symbol, if defined, indicates that the getservernt() routine is

?C: available to look up network services in some data base or another.

?C:.

?H:#\$d\_getsent HAS\_GETSERVENT /\*\*/

?H:.

?LINT:set d\_getsent

: see if getservernt exists

set getservernt d\_getsent

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_getsent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Cygnus Support

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Tom Tromey <tromey@cygnus.com>

?RCS:

?RCS: \$Log: src.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:23:54 ram

?RCS: patch61: created

?RCS:

?MAKE:src +rsrc: Options package contains

?MAKE: -pick add \$@ %<

?Y:TOP

?S:src (srcdir):

?S: This variable holds the (possibly relative) path of the package source.

?S: It is up to the Makefile to use this variable and set VPATH accordingly

?S: to find the sources remotely. Use \$pkgsrc to have an absolute path.

?S:.

?S:rsrc (relsrcdir):

?S: This variable holds a potentially relative path to the package

?S: source. The contents are correct for the configuration environment,

?S: i.e. there might be an extra .. prepended to get out of the UU dir.

?S: Configure units should use this, not the src variable.

?S:.

: Find the path to the source tree

```
case "$src" in
") case "$0" in
  /*) src=`echo $0 | sed -e 's%/[^/][^/]*$%%`
    case "$src" in
/*) ;;
.) ;;
  *) src=`cd ../$src && pwd` ;;
esac
;;
*) src='.';;
esac;;
esac
case "$src" in
") src=/
  rsrc=/
  ;;
/*) rsrc="$src";;
*) rsrc="../$src";;
esac
```

?X:

?X: Now check whether we have found the right source tree (i.e. the one for the  
?X: package we're about to configure). The original unit from Tom Tromeu forced

?X: the user to pick a unique file from his distribution, and we were merely

?X: checking the existence of that file. I prefer to rely on Configure (which

?X: we know \*is\* present since this unit is part of it!) and look for the

?X: definition of the package variable, making sure it's the same as ours.

?X: If it matches, we know we found the right source tree. -- RAM, 15/03/96

?X:

```
if test -f $rsrc/Configure && \
  $contains "^package=$package$" $rsrc/Configure >/dev/null 2>&1
```

then

: found it, so we are ok.

else

?X: Otherwise try "." and up to 4 parent directories...

?X: Note that we prepend a ".." to get out of the configuration environment.

```
rsrc=""
for src in ... ../.. ../.. ../.. ../..; do
  if test -f ../$src/Configure && \
    $contains "^package=$package$" ../$src/Configure >/dev/null 2>&1
  then
    rsrc=../$src
    break
  fi
done
```

```
fi
case "$rsrc" in
")
cat <<EOM >&4
```

Sorry, I can't seem to locate the source dir for \$package. Please start  
Configure with an explicit path -- i.e. /some/path/Configure.

```
EOM
exit 1
;;
?X: Don't echo anything if the sources are in . -- they should know already ;-)
?X: In that case, rsrc is ../. since we lookup from within UU
../.) rsrc='.'!;;
*)
echo " "
echo "Sources for $package found in \"$src\"." >&4
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/src.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_cuserid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_cuserid.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:07:25 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_cuserid: Inlibc
?MAKE: -pick add $@ %<
?S:d_cuserid:
?S: This variable conditionally defines the HAS_CUSERID symbol, which
?S: indicates to the C program that the cuserid() routine is available
?S: to get character login names.
?S:.
```

?C:HAS\_CUSERID :  
?C: This symbol, if defined, indicates that the cuserid routine is  
?C: available to get character login names.  
?C:.  
?H:#\$d\_cuserid HAS\_CUSERID /\*\*/  
?H:.  
?LINT:set d\_cuserid  
: see if cuserid exists  
set cuserid d\_cuserid  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_cuserid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysstatvfs.U,v \$  
?RCS:  
?RCS: Copyright (c) 1999 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:i\_sysstatvfs: Inhdr Hasfield  
?MAKE: -pick add @\$ %<  
?S:i\_sysstatvfs:  
?S: This variable conditionally defines the I\_SYSSTATVFS symbol,  
?S: and indicates whether a C program should include <sys/statvfs.h>.  
?S:.  
?C:I\_SYS\_STATVFS:  
?C: This symbol, if defined, indicates that <sys/statvfs.h> exists and  
?C: should be included.  
?C:.  
?H:#\$i\_sysstatvfs I\_SYS\_STATVFS /\*\*/  
?H:.  
?LINT:set i\_sysstatvfs  
: see if this is a sys/statvfs.h system  
set sys/statvfs.h i\_sysstatvfs  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_sysstatvfs.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:

```
?MAKE:d_lgamma_r: Inlibc
?MAKE: -pick add $@ %<
?S:d_lgamma_r:
?S: This variable conditionally defines the HAS_LGAMMA_R symbol, which
?S: indicates to the C program that the lgamma_r() routine is available
?S: for the log gamma function, without using the global signgam variable.
?S:.
?C:HAS_LGAMMA_R:
?C: This symbol, if defined, indicates that the lgamma_r routine is
?C: available to do the log gamma function without using the global
?C: signgam variable.
?C:.
?H:#$d_lgamma_r HAS_LGAMMA_R /**/
?H:.
?LINT:set d_lgamma_r
: see if lgamma_r exists
set lgamma_r d_lgamma_r
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lgamma_r.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_stdstdio.U,v 3.0.1.3 1997/02/28 15:46:32 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Tye McQueen <tye@metronet.com>
?RCS:
?RCS: $Log: d_stdstdio.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:46:32 ram
?RCS: patch61: merged with perl5's unit
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 14:06:54 ram
?RCS: patch56: typo fix on ?C: line for FILE_bufsiz
?RCS: patch56: fixed unbalanced parenthesis (ADO)
?RCS: patch56: check whether FILE_cnt and FILE_ptr can be assigned to (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1995/05/12 12:12:11 ram
?RCS: patch54: complete rewrite by Tye McQueen to fit modern systems
?RCS:
```

?RCS: Revision 3.0 1993/08/18 12:07:31 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_stdstdio d\_stdiobase stdio\_ptr stdio\_cnt \  
d\_stdio\_ptr\_lval\_sets\_cnt d\_stdio\_ptr\_lval\_nochange\_cnt stdio\_base \  
stdio\_bufsiz d\_stdio\_cnt\_lval d\_stdio\_ptr\_lval stdio\_filbuf: cat \  
Compile contains rm\_try d\_gnulibc gnulibc\_version i\_stdlib \  
Setvar Findhdr Oldconfig run to  
?MAKE: -pick weed \$@ %<  
?S:d\_stdstdio:  
?S: This variable conditionally defines USE\_STDIO\_PTR if this system  
?S: has a FILE structure declaring usable \_ptr and \_cnt fields (or  
?S: equivalent) in stdio.h.  
?S:.  
?S:stdio\_ptr:  
?S: This variable defines how, given a FILE pointer, fp, to access the  
?S: \_ptr field (or equivalent) of stdio.h's FILE structure. This will  
?S: be used to define the macro FILE\_ptr(fp).  
?S:.  
?S:d\_stdio\_ptr\_lval:  
?S: This variable conditionally defines STDIO\_PTR\_LVALUE if the  
?S: FILE\_ptr macro can be used as an lvalue.  
?S:.  
?S:stdio\_cnt:  
?S: This variable defines how, given a FILE pointer, fp, to access the  
?S: \_cnt field (or equivalent) of stdio.h's FILE structure. This will  
?S: be used to define the macro FILE\_cnt(fp).  
?S:.  
?S:d\_stdio\_cnt\_lval:  
?S: This variable conditionally defines STDIO\_CNT\_LVALUE if the  
?S: FILE\_cnt macro can be used as an lvalue.  
?S:.  
?S:d\_stdio\_ptr\_lval\_sets\_cnt:  
?S: This symbol is defined if using the FILE\_ptr macro as an lvalue  
?S: to increase the pointer by n has the side effect of decreasing the  
?S: value of File\_cnt(fp) by n.  
?S:.  
?S:d\_stdio\_ptr\_lval\_nochange\_cnt:  
?S: This symbol is defined if using the FILE\_ptr macro as an lvalue  
?S: to increase the pointer by n leaves File\_cnt(fp) unchanged.  
?S:.  
?S:stdio\_filbuf:  
?S: This variable defines how, given a FILE pointer, fp, to tell  
?S: stdio to refill its internal buffers (?). This will  
?S: be used to define the macro FILE\_filbuf(fp).  
?S:.  
?S:d\_stdiobase:  
?S: This variable conditionally defines USE\_STDIO\_BASE if this system

?S: has a FILE structure declaring a usable \_base field (or equivalent)

?S: in stdio.h.

?S:.

?S:stdio\_base:

?S: This variable defines how, given a FILE pointer, fp, to access the

?S: \_base field (or equivalent) of stdio.h's FILE structure. This will

?S: be used to define the macro FILE\_base(fp).

?S:.

?S:stdio\_bufsiz:

?S: This variable defines how, given a FILE pointer, fp, to determine

?S: the number of bytes store in the I/O buffer pointer to by the

?S: \_base field (or equivalent) of stdio.h's FILE structure. This will

?S: be used to define the macro FILE\_bufsiz(fp).

?S:.

?C:USE\_STDIO\_PTR ~ d\_stdstdio (USE\_STD\_STDIO STDSTDIO):

?C: This symbol is defined if the \_ptr and \_cnt fields (or similar)

?C: of the stdio FILE structure can be used to access the stdio buffer

?C: for a file handle. If this is defined, then the FILE\_ptr(fp)

?C: and FILE\_cnt(fp) macros will also be defined and should be used

?C: to access these fields.

?C:.

?C:FILE\_ptr:

?C: This macro is used to access the \_ptr field (or equivalent) of the

?C: FILE structure pointed to by its argument. This macro will always be

?C: defined if USE\_STDIO\_PTR is defined.

?C:.

?C:STDIO\_PTR\_LVALUE:

?C: This symbol is defined if the FILE\_ptr macro can be used as an

?C: lvalue.

?C:.

?C:FILE\_cnt:

?C: This macro is used to access the \_cnt field (or equivalent) of the

?C: FILE structure pointed to by its argument. This macro will always be

?C: defined if USE\_STDIO\_PTR is defined.

?C:.

?C:STDIO\_CNT\_LVALUE:

?C: This symbol is defined if the FILE\_cnt macro can be used as an

?C: lvalue.

?C:.

?C:STDIO\_PTR\_LVAL\_SETS\_CNT:

?C: This symbol is defined if using the FILE\_ptr macro as an lvalue

?C: to increase the pointer by n has the side effect of decreasing the

?C: value of File\_cnt(fp) by n.

?C:.

?C:STDIO\_PTR\_LVAL\_NOCHANGE\_CNT:

?C: This symbol is defined if using the FILE\_ptr macro as an lvalue

?C: to increase the pointer by n leaves File\_cnt(fp) unchanged.

?C:.

?C:FILE\_filbuf:  
?C: This macro is used to access the internal stdio\_filbuf function  
?C: (or equivalent), if STDIO\_CNT\_LVALUE and STDIO\_PTR\_LVALUE  
?C: are defined. It is typically either\_filbuf or \_\_filbuf.  
?C: This macro will only be defined if both STDIO\_CNT\_LVALUE and  
?C: STDIO\_PTR\_LVALUE are defined.  
?C:.  
?H:?d\_stdstdio:#\$d\_stdstdio USE\_STDIO\_PTR /\*\*/  
?H:?d\_stdstdio:#ifdef USE\_STDIO\_PTR  
?H:#define FILE\_ptr(fp) \$stdio\_ptr  
?H:#\$d\_stdio\_ptr\_lval STDIO\_PTR\_LVALUE /\*\*/  
?H:#define FILE\_cnt(fp) \$stdio\_cnt  
?H:#\$d\_stdio\_cnt\_lval STDIO\_CNT\_LVALUE /\*\*/  
?H:#\$d\_stdio\_ptr\_lval\_sets\_cnt STDIO\_PTR\_LVAL\_SETS\_CNT /\*\*/  
?H:#\$d\_stdio\_ptr\_lval\_nochange\_cnt STDIO\_PTR\_LVAL\_NOCHANGE\_CNT /\*\*/  
?H:?FILE\_filbuf:#if defined(STDIO\_PTR\_LVALUE) && defined(STDIO\_CNT\_LVALUE)  
?H:?FILE\_filbuf:#define FILE\_filbuf(fp) \$stdio\_filbuf /\*\*/  
?H:?FILE\_filbuf:#endif  
?H:?d\_stdstdio:#endif  
?H:.  
?W:d\_stdstdio:FILE\_ptr FILE\_cnt FILE\_filbuf  
?C:USE\_STDIO\_BASE ~ d\_stdibase:  
?C: This symbol is defined if the \_base field (or similar) of the  
?C: stdio FILE structure can be used to access the stdio buffer for  
?C: a file handle. If this is defined, then the FILE\_base(fp) macro  
?C: will also be defined and should be used to access this field.  
?C: Also, the FILE\_bufsiz(fp) macro will be defined and should be used  
?C: to determine the number of bytes in the buffer. USE\_STDIO\_BASE  
?C: will never be defined unless USE\_STDIO\_PTR is.  
?C:.  
?C:FILE\_base:  
?C: This macro is used to access the \_base field (or equivalent) of the  
?C: FILE structure pointed to by its argument. This macro will always be  
?C: defined if USE\_STDIO\_BASE is defined.  
?C:.  
?C:FILE\_bufsiz:  
?C: This macro is used to determine the number of bytes in the I/O  
?C: buffer pointed to by \_base field (or equivalent) of the FILE  
?C: structure pointed to its argument. This macro will always be defined  
?C: if USE\_STDIO\_BASE is defined.  
?C:.  
?H:?d\_stdibase:#\$d\_stdibase USE\_STDIO\_BASE /\*\*/  
?H:?d\_stdibase:#ifdef USE\_STDIO\_BASE  
?H:#define FILE\_base(fp) \$stdio\_base  
?H:#define FILE\_bufsiz(fp) \$stdio\_bufsiz  
?H:?d\_stdibase:#endif  
?H:.  
?W:d\_stdibase:FILE\_base FILE\_bufsiz



```

?T:ptr_lval cnt_lval filbuf xxx
?F:!try
?LINT:set d_stdstdio d_stdiobase
: see if _ptr and _cnt from stdio act std
echo " "

if $contains '_lbfsize' `./findhdr stdio.h` >/dev/null 2>&1 ; then
echo "(Looks like you have stdio.h from BSD.)"
case "$stdio_ptr" in
") stdio_ptr='((fp)->_p)'
ptr_lval=$define
;;
*) ptr_lval=$d_stdio_ptr_lval;;
esac
case "$stdio_cnt" in
") stdio_cnt='((fp)->_r)'
cnt_lval=$define
;;
*) cnt_lval=$d_stdio_cnt_lval;;
esac
case "$stdio_base" in
") stdio_base='((fp)->_ub._base ? (fp)->_ub._base : (fp)->_bf._base)';;
esac
case "$stdio_bufsiz" in
") stdio_bufsiz='((fp)->_ub._base ? (fp)->_ub._size : (fp)->_bf._size)';;
esac
elif $contains '_IO_fpos_t' `./findhdr stdio.h` `./findhdr libio.h` >/dev/null 2>&1 ; then
echo "(Looks like you have stdio.h from Linux.)"
case "$stdio_ptr" in
") stdio_ptr='((fp)->_IO_read_ptr)'
ptr_lval=$define
;;
*) ptr_lval=$d_stdio_ptr_lval;;
esac
case "$stdio_cnt" in
") stdio_cnt='((fp)->_IO_read_end - (fp)->_IO_read_ptr)'
cnt_lval=$undef
;;
*) cnt_lval=$d_stdio_cnt_lval;;
esac
case "$stdio_base" in
") stdio_base='((fp)->_IO_read_base)';;
esac
case "$stdio_bufsiz" in
") stdio_bufsiz='((fp)->_IO_read_end - (fp)->_IO_read_base)';;
esac
else
case "$stdio_ptr" in

```

```

") stdio_ptr='((fp)->_ptr)'
ptr_lval=$define
;;
*) ptr_lval=$d_stdio_ptr_lval;;
esac
case "$stdio_cnt" in
") stdio_cnt='((fp)->_cnt)'
cnt_lval=$define
;;
*) cnt_lval=$d_stdio_cnt_lval;;
esac
case "$stdio_base" in
") stdio_base='((fp)->_base)';;
esac
case "$stdio_bufsiz" in
") stdio_bufsiz='((fp)->_cnt + (fp)->_ptr - (fp)->_base)';;
esac
fi

```

```

: test whether _ptr and _cnt really work
echo "Checking how std your stdio is..." >&4
$cat >try.c <<EOP
#include <stdio.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
int main() {
FILE *fp = fopen("try.c", "r");
char c =getc(fp);
if (
18 <= FILE_cnt(fp) &&
strncmp(FILE_ptr(fp), "include <stdio.h>\n", 18) == 0
)
exit(0);
exit(1);
}
EOP
val="$undef"
set try
if eval $compile && $to try.c; then
if $run ./try; then
echo "Your stdio acts pretty std."
val="$define"
else
echo "Your stdio isn't very std."

```

```

fi
else
echo "Your stdio doesn't appear very std."
fi
$rm_try

# glibc 2.2.90 and above apparently change stdio streams so Perl's
# direct buffer manipulation no longer works. The Configure tests
# should be changed to correctly detect this, but until then,
# the following check should at least let perl compile and run.
# (This quick fix should be updated before 5.8.1.)
# To be defensive, reject all unknown versions, and all versions > 2.2.9.
# A. Dougherty, June 3, 2002.
case "$d_gnulibc" in
$define)
case "$gnulibc_version" in
2.[01]*) ;;
2.2) ;;
2.2.[0-9]) ;;
*) echo "But I will not snoop inside glibc $gnulibc_version stdio buffers."
val="$undef"
;;
esac
;;
esac
set d_stdstdio
eval $setvar

@if STDIO_PTR_LVALUE || d_stdio_ptr_lval
: Can _ptr be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$_ptr_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_ptr_lval
eval $setvar
@end

@if STDIO_CNT_LVALUE || d_stdio_cnt_lval
: Can _cnt be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$_cnt_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_cnt_lval
eval $setvar

```

@end

@if FILE\_filbuf

: How to access the stdio\_filbuf or \_\_filbuf function.

: If this fails, check how the getc macro in stdio.h works.

case "\${d\_stdio\_ptr\_lval}\${d\_stdio\_cnt\_lval}" in

\${define}\${define})

: Try \$hint value, if any, then \_filbuf, \_\_filbuf, \_fill, then punt.

: \_fill is for os/2.

xxx='notok'

for filbuf in \$stdio\_filbuf '\_filbuf(fp)' '\_\_filbuf(fp)' '\_fill(fp)' ; do

\$cat >try.c <<EOP

#include <stdio.h>

#\$i\_stdlib I\_STDLIB

#ifdef I\_STDLIB

#include <stdlib.h>

#endif

#define FILE\_ptr(fp) \$stdio\_ptr

#define FILE\_cnt(fp) \$stdio\_cnt

#define FILE\_filbuf(fp) \$filbuf

int main() {

FILE \*fp = fopen("try.c", "r");

int c;

c = getc(fp);

c = FILE\_filbuf(fp); /\* Just looking for linker errors.\*/

exit(0);

}

EOP

set try

if eval \$compile && \$to try.c && \$run ./try; then

echo "Your stdio appears to use \$filbuf"

stdio\_filbuf="\$filbuf"

xxx='ok'

break

else

echo "Hmm. \$filbuf doesn't seem to work."

fi

\$rm\_try

done

case "\$xxx" in

notok) echo "I can't figure out how to access \_filbuf"

echo "I'll just have to work around it."

d\_stdio\_ptr\_lval="\$undef"

d\_stdio\_cnt\_lval="\$undef"

;;

esac

;;

esac

@end

@if STDIO\_PTR\_LVALUE

: test whether setting \_ptr sets \_cnt as a side effect

d\_stdio\_ptr\_lval\_sets\_cnt="\$undef"

d\_stdio\_ptr\_lval\_nochange\_cnt="\$undef"

case "\$d\_stdio\_ptr\_lval\$d\_stdstdio" in

\$define\$define)

echo "Checking to see what happens if we set the stdio ptr..." >&4

\$cat >try.c <<EOP

#include <stdio.h>

/\* Can we scream? \*/

/\* Eat dust sed :-) \*/

/\* In the buffer space, no one can hear you scream. \*/

#\$i\_stdlib I\_STDLIB

#ifdef I\_STDLIB

#include <stdlib.h>

#endif

#define FILE\_ptr(fp) \$stdio\_ptr

#define FILE\_cnt(fp) \$stdio\_cnt

#include <sys/types.h>

int main() {

FILE \*fp = fopen("try.c", "r");

int c;

char \*ptr;

size\_t cnt;

if (!fp) {

puts("Fail even to read");

exit(1);

}

c = getc(fp); /\* Read away the first # \*/

if (c == EOF) {

puts("Fail even to read");

exit(1);

}

if (!(

18 <= FILE\_cnt(fp) &&

strcmp(FILE\_ptr(fp), "include <stdio.h>\n", 18) == 0

)) {

puts("Fail even to read");

exit (1);

}

ptr = (char\*) FILE\_ptr(fp);

cnt = (size\_t)FILE\_cnt(fp);

FILE\_ptr(fp) += 42;

if ((char\*)FILE\_ptr(fp) != (ptr + 42)) {

```

printf("Fail ptr check %p != %p", FILE_ptr(fp), (ptr + 42));
exit (1);
}
if (FILE_cnt(fp) <= 20) {
printf ("Fail (<20 chars to test)");
exit (1);
}
if (strncmp(FILE_ptr(fp), "Eat dust sed :-) *\n", 20) != 0) {
puts("Fail compare");
exit (1);
}
if (cnt == FILE_cnt(fp)) {
puts("Pass_unchanged");
exit (0);
}
if (FILE_cnt(fp) == (cnt - 42)) {
puts("Pass_changed");
exit (0);
}
printf("Fail count was %d now %d\n", cnt, FILE_cnt(fp));
return 1;

}
EOP
set try
if eval $compile && $to try.c; then
case ` $run ./try` in
Pass_changed)
echo "Increasing ptr in your stdio decreases cnt by the same amount. Good." >&4
d_stdio_ptr_lval_sets_cnt="$define" ;;
Pass_unchanged)
echo "Increasing ptr in your stdio leaves cnt unchanged. Good." >&4
d_stdio_ptr_lval_nochange_cnt="$define" ;;
Fail*)
echo "Increasing ptr in your stdio didn't do exactly what I expected. We'll not be doing that then." >&4 ;;
*)
echo "It appears attempting to set ptr in your stdio is a bad plan." >&4 ;;
esac
else
echo "It seems we can't set ptr in your stdio. Nevermind." >&4
fi
$rm_try
;;
esac
@end

@if d_stdiobase || USE_STDIO_BASE || FILE_base || FILE_bufsiz
: see if _base is also standard

```

```

val="$undef"
case "$d_stdstdio" in
$define)
  $cat >try.c <<EOP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define FILE_base(fp) $stdio_base
#define FILE_bufsiz(fp) $stdio_bufsiz
int main() {
FILE *fp = fopen("try.c", "r");
char c =getc(fp);
if (
  19 <= FILE_bufsiz(fp) &&
  strncmp(FILE_base(fp), "#include <stdio.h>\n", 19) == 0
)
  exit(0);
  exit(1);
}
EOP
set try
if eval $compile && $to try.c; then
if $run ./try; then
  echo "And its _base field acts std."
  val="$define"
else
  echo "But its _base field isn't std."
fi
else
  echo "However, it seems to be lacking the _base field."
fi
$rm_try
;;
esac
set d_stdibase
eval $setvar

@end

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_stdstdio.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: intsize.U,v 3.0.1.2 1997/02/28 15:55:26 ram Exp $
```

```
?RCS:
```

?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: intsize.U,v \$  
?RCS: Revision 3.0.1.2 1997/02/28 15:55:26 ram  
?RCS: patch61: avoid prompting the user if the test runs ok  
?RCS: patch61: moved code from longsize.U into there  
?RCS: patch61: new tests for shortsize as well  
?RCS:  
?RCS: Revision 3.0.1.1 1994/10/29 16:21:06 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:08:52 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:intsize longsize shortsize: Compile Myread cat run i\_stdlib rm\_try  
?MAKE: -pick add \$@ %<  
?S:intsize:  
?S: This variable contains the value of the INTSIZE symbol, which  
?S: indicates to the C program how many bytes there are in an int.  
?S:.  
?S:longsize:  
?S: This variable contains the value of the LONGSIZE symbol, which  
?S: indicates to the C program how many bytes there are in a long.  
?S:.  
?S:shortsize:  
?S: This variable contains the value of the SHORTSIZE symbol which  
?S: indicates to the C program how many bytes there are in a short.  
?S:.  
?C:INTSIZE:  
?C: This symbol contains the value of sizeof(int) so that the C  
?C: preprocessor can make decisions based on it.  
?C:.  
?C:LONGSIZE:  
?C: This symbol contains the value of sizeof(long) so that the C  
?C: preprocessor can make decisions based on it.  
?C:.  
?C:SHORTSIZE:  
?C: This symbol contains the value of sizeof(short) so that the C  
?C: preprocessor can make decisions based on it.  
?C:.  
?H:#define INTSIZE \$intsize /\*\*/  
?H:#define LONGSIZE \$longsize /\*\*/



```

?H:#define SHORTSIZE $shortsize /**/
?H:.
?F:!try
: check for lengths of integral types
echo " "
case "$intsize" in
")
echo "Checking to see how big your integers are..." >&4
$cat >try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
@if INTSIZE || intsize
printf("intsize=%d;\n", (int)sizeof(int));
@end
@if LONGSIZE || longsize
printf("longsize=%d;\n", (int)sizeof(long));
@end
@if SHORTSIZE || shortsize
printf("shortsize=%d;\n", (int)sizeof(short));
@end
exit(0);
}
EOCP
set try
if eval $compile_ok && $run ./try > /dev/null; then
eval ` $run ./try `
@if INTSIZE || intsize
echo "Your integers are $intsize bytes long."
@end
@if LONGSIZE || longsize
echo "Your long integers are $longsize bytes long."
@end
@if SHORTSIZE || shortsize
echo "Your short integers are $shortsize bytes long."
@end
else
$cat >&4 <<EOM
!
Help! I can't compile and run the intsize test program: please enlighten me!
(This is probably a misconfiguration in your system or libraries, and
you really ought to fix it. Still, I'll try anyway.)
!
EOM

```

```

@if INTSIZE || intsize
  dflt=4
  rp="What is the size of an integer (in bytes)?"
  ./myread
  intsize="$ans"
@end
@if LONGSIZE || longsize
  dflt=$intsize
  rp="What is the size of a long integer (in bytes)?"
  ./myread
  longsize="$ans"
@end
@if SHORTSIZE || shortsize
  dflt=2
  rp="What is the size of a short integer (in bytes)?"
  ./myread
  shortsize="$ans"
@end
fi
;;
esac
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/a_dvisory/intsize.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Typedef.U,v \$

?RCS: Revision 3.0.1.3 1995/07/25 13:42:07 ram

?RCS: patch56: added backslash escapes within evals to prevent space problems

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:01:16 ram

?RCS: patch36: don't clobber visible 'val' variable, use 'varval' instead

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:05:14 ram

?RCS: patch32: created

?RCS:

```

?X:
?X: This unit checks for the definition of a given typedef.
?X:
?X: To use it, say:
?X: set typedef val_t default [includes]
?X: eval $typedef
?X:
?MAKE:Typedef: cppstdin cppminus cppflags rm contains Oldconfig
?MAKE: -pick add $@ %<
?F:!temp.c
?LINT:define typedef
?V:typedef
?S:typedef:
?S: This shell variable is used internally by Configure to check
?S: whether a given typedef is defined or not. A typical use is:
?S: set typedef val_t default [includes]
?S: eval $typedef
?S: That will return val_t set to default if the typedef was not found,
?S: to typedef otherwise. If no includes are specified, look in sys/types.h.
?S:.
?T:type var def inclist varval inc
: define an is-a-typedef? function
typedef='type=$1; var=$2; def=$3; shift; shift; shift; inclist=$@;
case "$inclist" in
"" ) inclist="sys/types.h";;
esac;
eval "varval=\$$var";
case "$varval" in
"" )
$rm -f temp.c;
for inc in $inclist; do
echo "#include <$inc>" >>temp.c;
done;
$cppstdin $cppflags $cppminus < temp.c >temp.E 2>/dev/null;
if $contains $type temp.E >/dev/null 2>&1; then
eval "$var=\$type";
else
eval "$var=\$def";
fi;
$rm -f temp.?.;
*) eval "$var=\$varval";;
esac'

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Typedef.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_dbm.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_dbm.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:48:20 ram

?RCS: patch61: added I\_RPC SVC\_DBM check

?RCS:

?RCS: Revision 3.0.1.1 1995/05/12 12:16:05 ram

?RCS: patch54: made more robust by checking both header and lib (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:15 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_dbm i\_rpcsvcdm: Inhdr Inlibc Setvar

?MAKE: -pick add \$@ %<

?S:i\_dbm (d\_odbm):

?S: This variable conditionally defines the I\_DBM symbol, which  
?S: indicates to the C program that <dbm.h> exists and should  
?S: be included.

?S:.

?S:i\_rpcsvcdm:

?S: This variable conditionally defines the I\_RPC SVC\_DBM symbol, which  
?S: indicates to the C program that <rpcsvc/dbm.h> exists and should  
?S: be included. Some System V systems might need this instead of <dbm.h>.

?S:.

?C:I\_DBM (HAS\_ODBM ODBM):

?C: This symbol, if defined, indicates that <dbm.h> exists and should  
?C: be included.

?C:.

?C:I\_RPC SVC\_DBM:

?C: This symbol, if defined, indicates that <rpcsvc/dbm.h> exists and  
?C: should be included.

?C:.

?H:#\$i\_dbm I\_DBM /\*\*/  
?H:#\$i\_rpcsvcdm I\_RPC SVC\_DBM /\*\*/  
?H:.

?T:d\_dbmclose

?LINT:set i\_dbm i\_rpcsvcdm  
: see if dbm.h is available

?X: We might just have the header, not the library.

?X: We look for dbmclose() rather than dbminit() because

?X: some versions of SCO Unix have -ldbm, but are missing dbmclose(). -- ADO

?X: Some System V systems have <rpcsvc/dbm.h> instead of <dbm.h>.

: see if dbmclose exists

set dbmclose d\_dbmclose

eval \$inlibc

case "\$d\_dbmclose" in

\$define)

set dbm.h i\_dbm

eval \$inhdr

case "\$i\_dbm" in

\$define)

val="\$undef"

set i\_rpcsvcdbm

eval \$setvar

::

\*) set rpcsvc/dbm.h i\_rpcsvcdbm

eval \$inhdr

::

esac

::

\*) echo "We won't be including <dbm.h>"

val="\$undef"

set i\_dbm

eval \$setvar

val="\$undef"

set i\_rpcsvcdbm

eval \$setvar

::

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_dbm.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_gethostent\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_gethostent\_r gethostent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \

usethreads i\_netdb extern\_C

?MAKE: -pick add \$@ %<

?S:d\_gethostent\_r:

?S: This variable conditionally defines the HAS\_GETHOSTENT\_R symbol,

?S: which indicates to the C program that the gethostent\_r()

?S: routine is available.

?S:.

?S:gethostent\_r\_proto:

?S: This variable encodes the prototype of gethostent\_r.

?S: It is zero if d\_gethostent\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_gethostent\_r

?S: is defined.

?S:.

?C:HAS\_GETHOSTENT\_R:

?C: This symbol, if defined, indicates that the gethostent\_r routine

?C: is available to gethostent re-entrantly.

?C:.

?C:GETHOSTENT\_R\_PROTO:

?C: This symbol encodes the prototype of gethostent\_r.

?C: It is zero if d\_gethostent\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_gethostent\_r

?C: is defined.

?C:.

?H:#\$d\_gethostent\_r HAS\_GETHOSTENT\_R /\*\*/

?H:#define GETHOSTENT\_R\_PROTO \$gethostent\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_gethostent\_r\_proto

: see if gethostent\_r exists

set gethostent\_r d\_gethostent\_r

eval \$inlibc

case "\$d\_gethostent\_r" in

"\$define")

hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_netdb netdb.h"

case "\$d\_gethostent\_r\_proto:\$usetreads" in

":define") d\_gethostent\_r\_proto=define

set d\_gethostent\_r\_proto gethostent\_r \$hdrs

eval \$hasproto ;;

\*) ;;

esac

case "\$d\_gethostent\_r\_proto" in

define)

case "\$gethostent\_r\_proto" in

"|0) try='int gethostent\_r(struct hostent\*, char\*, size\_t, struct hostent\*\*, int\*);'

./protechk "\$extern\_C \$try" \$hdrs && gethostent\_r\_proto=I\_SBWRE ;;

esac

case "\$gethostent\_r\_proto" in

"|0) try='int gethostent\_r(struct hostent\*, char\*, int, int\*);'

./protechk "\$extern\_C \$try" \$hdrs && gethostent\_r\_proto=I\_SBIE ;;

esac

case "\$gethostent\_r\_proto" in

"|0) try='struct hostent\* gethostent\_r(struct hostent\*, char\*, int, int\*);'

```

./prochck "$extern_C $try" $hdrs && gethostent_r_proto=S_SBIE ;;
esac
case "$gethostent_r_proto" in
"|0) try='struct hostent* gethostent_r(struct hostent*, char*, int);'
./prochck "$extern_C $try" $hdrs && gethostent_r_proto=S_SBI ;;
esac
case "$gethostent_r_proto" in
"|0) try='int gethostent_r(struct hostent*, char*, int);'
./prochck "$extern_C $try" $hdrs && gethostent_r_proto=I_SBI ;;
esac
case "$gethostent_r_proto" in
"|0) try='int gethostent_r(struct hostent*, struct hostent_data*);'
./prochck "$extern_C $try" $hdrs && gethostent_r_proto=I_SD ;;
esac
case "$gethostent_r_proto" in
"|0) d_gethostent_r=undef
gethostent_r_proto=0
echo "Disabling gethostent_r, cannot determine prototype." >&4 ;;
*) case "$gethostent_r_proto" in
REENTRANT_PROTO*) ;;
*) gethostent_r_proto="REENTRANT_PROTO_${gethostent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "gethostent_r has no prototype, not using it." >&4 ;;
esac
d_gethostent_r=undef
gethostent_r_proto=0
;;
esac
;;
*) gethostent_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_gethostent\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_endpent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: d\_endpent.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:09 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_endpent: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_endpent:  
?S: This variable conditionally defines HAS\_ENDPROTOENT if endprotoent() is  
?S: available to close whatever was being used for protocol queries.  
?S:.  
?C:HAS\_ENDPROTOENT:  
?C: This symbol, if defined, indicates that the endprotoent() routine is  
?C: available to close whatever was being used for protocol queries.  
?C:.  
?H:#\$d\_endpent HAS\_ENDPROTOENT /\*\*/  
?H:.  
?LINT:set d\_endpent  
: see if endprotoent exists  
set endprotoent d\_endpent  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_endpent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sfio.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1996, Andy Dougherty  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: i\_sfio.U,v \$  
?RCS: Revision 3.0.1.1 1997/02/28 15:48:27 ram  
?RCS: patch61: created  
?RCS:  
?MAKE:i\_sfio: Inhdr Setvar  
?MAKE: -pick add \$@ %<  
?S:i\_sfio:



?S: This variable conditionally defines the I\_SFIO symbol,  
?S: and indicates whether a C program should include <sfio.h>.  
?S:.  
?C:I\_SFIO:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <sfio.h>.  
?C:.  
?H:#\$i\_sfio I\_SFIO /\*\*/  
?H:.  
?LINT:set i\_sfio  
: see if sfio.h is available  
set sfio.h i\_sfio  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_sfio.U

No license file was found, but licenses were detected in source scan.

/\*

\* \$Id: rename.C,v 3.0.1.1 1994/01/24 13:58:42 ram Exp ram \$  
\*  
\* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
\*  
\* You may redistribute only under the terms of the Artistic Licence,  
\* as specified in the README file that comes with the distribution.  
\* You may reuse parts of this distribution only within the terms of  
\* that same Artistic Licence; a copy of which may be found at the root  
\* of the source tree for dist 4.0.  
\*  
\* \$Log: rename.C,v \$  
\* Revision 3.0.1.1 1994/01/24 13:58:42 ram  
\* patch16: created  
\*  
\*/

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/rename.C

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: h\_sysfile.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: h\_sysfile.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:08:13 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:h\_sysfile: Nothing  
?MAKE: -pick add \$@ %<  
?S:h\_sysfile:  
?S: This is variable gets set in various places to tell i\_sys\_file that  
?S: <sys/file.h> should be included.  
?S:.  
: Initialize h\_sysfile  
h\_sysfile=false

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/h\_sysfile.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 2016 H.Merijn Brand & Todd Rinaldo  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:default\_inc\_excludes\_dot: Myread cat  
?MAKE: -pick add \$@ %<  
?S:default\_inc\_excludes\_dot:  
?S: When defined, remove the legacy '.' from @INC  
?S:.  
?C:DEFAULT\_INC\_EXCLUDES\_DOT:  
?C: This symbol, if defined, removes the legacy default behavior of  
?C: including '.' at the end of @INC.  
?C:.  
?H:#\$default\_inc\_excludes\_dot DEFAULT\_INC\_EXCLUDES\_DOT /\*\*/  
?H:.  
: Include . in @INC  
\$cat <<EOM

Historically Perl has provided a final fallback of the current working directory '.' when searching for a library. This, however, can lead to problems when a Perl program which loads optional modules is called from a shared directory. This can lead to executing unexpected code.

EOM

```

# When changing to exclude by default:
case "$default_inc_excludes_dot" in
  $undef|false|[nN]*) dflt="n" ;;
  *)                  dflt="y" ;;
esac
# To turn exclude off by default:
#case "$default_inc_excludes_dot" in
#  $define|true|[yY]*) dflt="y" ;;
#  *)                  dflt="n" ;;
#esac

rp='Exclude '.' from @INC by default? '
./myread
case "$ans" in
  [nN]|undef) default_inc_excludes_dot="$undef" ;;
  *)         default_inc_excludes_dot="$define" ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/defaultincdot.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_sigvec.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_sigvec.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:45:37 ram
?RCS: patch61: there is now a separate routine for sigaction()
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:24 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: d_sigvec.U, from d_ftime.U 1.0
?X:
?MAKE:d_sigvec d_sigvectr d_sigintrp: Csym Inlibc Setvar
?MAKE: -pick add $@ %<
?S:d_sigvec:
?S: This variable conditionally defines the HAS_SIGVEC symbol, which indicates
?S: that BSD reliable signals are supported.

```

?S:.

?S:d\_sigvectr:

?S: This variable conditionally defines the HAS\_SIGVECTOR symbol, which

?S: indicates that the sigvec() routine is called sigvector() instead, for

?S: reasons known only to Hewlett-Packard.

?S:.

?S:d\_sigintrp:

?S: This variable conditionally defines the HAS\_SIGINTRP symbol, which

?S: indicates that the siginterrupt() routine is available.

?S:.

?C:HAS\_SIGVEC (SIGVEC):

?C: This symbol, if defined, indicates that BSD reliable signals are

?C: supported.

?C:.

?C:HAS\_SIGVECTOR (SIGVECTOR):

?C: This symbol, if defined, indicates that the sigvec() routine is called

?C: sigvector() instead, and that sigspace() is provided instead of

?C: sigstack(). This is probably only true for HP-UX.

?C:.

?C:HAS\_SIGINTRP (SIGINTRP):

?C: This symbol, if defined, indicates that the siginterrupt() routine

?C: is available.

?C:.

?H:#\$d\_sigvec HAS\_SIGVEC /\*\*/

?H:#\$d\_sigvectr HAS\_SIGVECTOR /\*\*/

?H:#\$d\_sigintrp HAS\_SIGINTRP /\*\*/

?H:.

?T:val

?LINT:set d\_sigvec d\_sigintrp

@if d\_sigvectr || d\_sigvec || HAS\_SIGVEC || HAS\_SIGVECTOR

: see if sigvector exists -- since sigvec will match the substring

echo " "

if set sigvector val -f d\_sigvectr; eval \$csym; \$val; then

echo 'sigvector() found--you must be running HP-UX.' >&4

val="\$define"; set d\_sigvectr; eval \$setvar

val="\$define"; set d\_sigvec; eval \$setvar

else

: try the original name

d\_sigvectr="\$undef"

if set sigvec val -f d\_sigvec; eval \$csym; \$val; then

echo 'sigvec() found.' >&4

val="\$define"; set d\_sigvec; eval \$setvar

else

echo 'sigvec() not found--race conditions with signals may occur.' >&4

val="\$undef"; set d\_sigvec; eval \$setvar

fi

fi

```
@end
@if d_sigintpr || HAS_SIGINTRP
: see if we have siginterrupt
set siginterrupt d_sigintpr
eval $inlibc
```

```
@end
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sigvec.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysmount.U,v $
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysmount: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysmount:
?S: This variable conditionally defines the I_SYSMOUNT symbol,
?S: and indicates whether a C program should include <sys/mount.h>.
?S:.
?C:I_SYS_MOUNT:
?C: This symbol, if defined, indicates that <sys/mount.h> exists and
?C: should be included.
?C:.
?H:#$i_sysmount I_SYS_MOUNT /**/
?H:.
?LINT:set i_sysmount
: see if this is a sys/mount.h system
set sys/mount.h i_sysmount
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysmount.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_rdchk.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
```

?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_rdchk.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:51 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_rdchk: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_rdchk:

?S: This variable conditionally defines the HAS\_RDCHK symbol, which

?S: indicates to the C program that the rdchk() routine is available

?S: to find out if there is input pending on an IO channel.

?S:.

?C:HAS\_RDCHK (RDCHK):

?C: This symbol, if defined, indicates that the rdchk routine is available

?C: to find out if there is input pending on an IO channel. Generally

?C: the routine is used only if FIONREAD and O\_NDELAY aren't available.

?C:.

?H:#\$d\_rdchk HAS\_RDCHK /\*\*/

?H:.

?LINT:set d\_rdchk

: see if rdchk exists

set rdchk d\_rdchk

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_rdchk.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_mkstemp: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_mkstemp:

?S: This variable conditionally defines the HAS\_MKSTEMPS symbol, which

?S: indicates to the C program that the mkstemp() routine is available

?S: to exclusively create and open a uniquely named (with a suffix)

?S: temporary file.

?S:.

?C:HAS\_MKSTEMPS :

?C: This symbol, if defined, indicates that the mkstemp routine is  
?C: available to exclusively create and open a uniquely named  
?C: (with a suffix) temporary file.  
?C:.

?H:#\$d\_mkstemp HAS\_MKSTEMPS /\*\*/

?H:.

?LINT:set d\_mkstemp

: see if mkstemp exists

set mkstemp d\_mkstemp

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_mkstemp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_shadow.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_shadow: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_shadow:

?S: This variable conditionally defines the I\_SHADOW symbol, and indicates

?S: whether a C program should include <shadow.h>.

?S:.

?C:I\_SHADOW:

?C: This symbol, if defined, indicates that <shadow.h> exists and

?C: should be included.

?C:.

?H:#\$i\_shadow I\_SHADOW /\*\*/

?H:.

?LINT:set i\_shadow

: see if this is a shadow.h system

set shadow.h i\_shadow

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_shadow.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_perlio.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

```

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_perlio.U,v $
?RCS:
?MAKE:useperlio: Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?Y:TOP
?S:useperlio:
?S: This variable conditionally defines the USE_PERLIO symbol,
?S: and indicates that the PerLIO abstraction should be
?S: used throughout.
?S:.
?C:USE_PERLIO:
?C: This symbol, if defined, indicates that the PerLIO abstraction should
?C: be used throughout. If not defined, stdio should be
?C: used in a fully backward compatible manner.
?C:.
?H:?%<:#ifndef USE_PERLIO
?H:?%<:#$useperlio USE_PERLIO /**/
?H:?%<:#endif
?H:.
: Check if we want perlio
useperlio="$define"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/useperlio.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: groupstype.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: groupstype.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 16:18:08 ram
?RCS: patch36: no longer uses Setvar to set 'groupstype' (ADO)
?RCS: patch36: typo fix in the word 'argument' (ADO)
?RCS:

```



```

?RCS: Revision 3.0.1.1 1994/06/20 07:00:18 ram
?RCS: patch30: created by ADO
?RCS:
?MAKE:groupstype: gidtype d_getgrps Myread Oldconfig Findhdr cat d_setgrps
?MAKE: -pick add $@ %<
?INIT:groupstype="
?S:groupstype:
?S: This variable defines Groups_t to be something like gid_t, int,
?S: ushort, or whatever type is used for the second argument to
?S: getgroups() and setgroups(). Usually, this is the same as
?S: gidtype (gid_t), but sometimes it isn't.
?S:.
?C:Groups_t (GROUPSTYPE):
?C: This symbol holds the type used for the second argument to
?C: getgroups() and setgroups(). Usually, this is the same as
?C: gidtype (gid_t) , but sometimes it isn't.
?C: It can be int, ushort, gid_t, etc...
?C: It may be necessary to include <sys/types.h> to get any
?C: typedef'ed information. This is only required if you have
?C: getgroups() or setgroups()..
?C:.
?H:%<:#if defined(HAS_GETGROUPS) || defined(HAS_SETGROUPS)
?H:%<:#define Groups_t $groupstype /* Type for 2nd arg to [sg]etgroups() */
?H:%<:#endif
?H:.
?W:%<:getgroups HAS_GETGROUPS setgroups HAS_SETGROUPS
: Find type of 2nd arg to 'getgroups()' and 'setgroups()'
echo " "
case "$d_getgrps$d_setgrps" in
*define*)
case "$groupstype" in
") dflt="$gidtype" ;;
*) dflt="$groupstype" ;;
esac
$cat <<EOM

```

What type of pointer is the second argument to getgroups() and setgroups()?  
Usually this is the same as group ids, \$gidtype, but not always.

EOM

```

rp='What type pointer is the second argument to getgroups() and setgroups()?'
. ./myread
groupstype="$ans"
;;
*) groupstype="$gidtype";;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/groupstype.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_havetlib.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_havetlib.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:36:31 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:44:06 ram
?RCS: patch23: added AIX support to accept shared lib stub as termlib (WED)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:19 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_havetlib termlib: cat contains Myread Loc Filexp Oldconfig libpth \
test uname _a _o
?MAKE: -pick add $@ %<
?S:d_havetlib:
?S: This variable conditionally defines the HAS_TERMLIB symbol, which
?S: indicates to the C program that termlib-style routines are available.
?S:.
?S:termlib:
?S: This variable contains the argument to pass to the loader to get
?S: termlib-style routines. It is up to the Makefile.SH to make sure
?S: the value gets to the right command. Note that on many systems the
?S: termlib routines are emulated by the curses or terminfo library.
?S:.
?C:HAS_TERMLIB (HAVETERMLIB):
?C: This symbol, when defined, indicates that termlib-style routines
?C: are available. There is nothing to include.
?C:.
?H:#$d_havetlib HAS_TERMLIB /**/
?H:.
?T:xxx
: where do we get termlib routines from
echo " "
xxx=`./loc libcurses$_a x $libpth`
case "$xxx" in
```

```

/*)
ar t $xxx >grimble
if $contains tputs$_o grimble >/dev/null 2>&1; then
    termlib='-lcurses'
    d_havetlib="$define"
    echo "Terminfo library found." >&4
elif $test "x`$uname 2>/dev/null`" = xAIX; then
    # Ok, do the AIX shr.o fun thing
    /usr/ccs/bin/nm -en $xxx 2>/dev/null >grimble
    if $contains '^tputs.*|extern|' grimble >/dev/null 2>&1; then
        termlib='-lcurses'
        d_havetlib="$define"
        echo "AIX Terminfo library found." >&4
    else
        xxx=x
    fi
else
    xxx=x
fi
rm -f grimble
;;
esac
case "$xxx" in
x)
xxx=`./loc libtermlib$_a x $libpth`
case "$xxx" in
/usr/lib*/lib*)
    termlib='-ltermlib'
    d_havetlib="$define"
    echo "Termlib library found." >&4
    ;;
/*)
    termlib="$xxx"
    d_havetlib="$define"
    echo "Termlib library found." >&4
    ;;
*)
xxx=`./loc libtermcap$_a x $libpth`
case "$xxx" in
/usr/lib*/lib*)
    termlib='-ltermcap'
    d_havetlib="$define"
    echo "Termcap library found." >&4
    ;;
/*)
    termlib="$xxx"
    d_havetlib="$define"
    echo "Termcap library found." >&4

```

```

;;
*)
case "$termplib" in
")
dflt=y
rp="Your system appears to NOT have termplib-style routines. Is this true?"
./myread
case "$ans" in
n*|f*) d_havetlib="$define"
$cat <<'EOM'

```

Then where are the termplib-style routines kept? Specify either -llibname or a full pathname (~name ok).

EOM

```

dflt="
rp='Specify termplib path:'
./myread
termplib=`./filexp $ans`
;;
*)
d_havetlib="$undef"
termplib="
echo "You will have to play around with term.c then." >&4
;;
esac
echo " ";;
*) echo "You said termplib was $termplib before." >&4;;
esac;;
esac;;
esac;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_havetlib.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Whoa.U,v \$

```

?RCS: Revision 3.0.1.2 1997/02/28 15:21:21 ram
?RCS: patch61: whoa script now starts with leading "startsh"
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:02:01 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:19 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
?X: to warn the user in case a change into a variable is noticed.
?X:
?X: To use this unit, $was must hold the old value that has changed. Upon
?X: exit, the two variables $td and $tu are set to the correct value for
?X: respectively defining or undefining a variable. For instance, if $vas was
?X: $undef, but now $var is $define, after calling . whoa, you should use
?X: eval "$var=\$tu" to finally set $var to the correct value. See unit Inlibc.
?X:
?MAKE:Whoa: Myread startsh hint
?MAKE: -pick add $@ %<
?F:./whoa
?T:var was
?LINT:change td tu
: set up the script used to warn in case of inconsistency
cat <<EOS >whoa
$startsh
EOS
cat <<'EOOSC' >>whoa
dflt=y
echo " "
echo "*** WHOA THERE!!! ***" >&4
echo " The $hint value for \$$var on this machine was \"\$was\"!" >&4
rp=" Keep the $hint value?"
./myread
case "$ans" in
y) td=$was; tu=$was;;
esac
EOOSC

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Whoa.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_portable.U,v 3.0.1.2 1995/01/11 15:28:52 ram Exp $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

```

```

?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_portable.U,v $
?RCS: Revision 3.0.1.2 1995/01/11 15:28:52 ram
?RCS: patch45: executable path stripping moved to the end in Config_sh.U
?RCS:
?RCS: Revision 3.0.1.1 1993/12/15 08:21:17 ram
?RCS: patch15: did not strip variables properly when needed
?RCS: patch15: now also strips down variables from trylist
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:48 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: This is the same as the dist version, except I don't bother
?X: prompting people since it makes no difference for perl5,
?X: and only confuses people.
?X:
?X: The Loc unit is wanted to get the definition of all the locating variables.
?X:
?MAKE:d_portable: Loc Oldconfig
?MAKE:-pick add $@ %<
?S:d_portable:
?S: This variable conditionally defines the PORTABLE symbol, which
?S: indicates to the C program that it should not assume that it is
?S: running on the machine it was compiled on.
?S:.
?C:PORTABLE:
?C: This symbol, if defined, indicates to the C program that it should
?C: not assume that it is running on the machine it was compiled on.
?C: The program should be prepared to look up the host name, translate
?C: generic filenames, use PATH, etc.
?C:.
?H:#$d_portable PORTABLE /**/
?H:.
?D:d_portable="
: decide how portable to be. Allow command line overrides.
case "$d_portable" in
"$undef") ;;
*) d_portable="$define" ;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_portable.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getfsstat : Inlibc

?MAKE: -pick add @\$@ %<

?S:d\_getfsstat:

?S: This variable conditionally defines the HAS\_GETFSSTAT symbol, which

?S: indicates to the C program that the getfsstat() routine is available.

?S:.

?C:HAS\_GETFSSTAT:

?C: This symbol, if defined, indicates that the getfsstat routine is

?C: available to stat filesystems in bulk.

?C:.

?H:#\$d\_getfsstat HAS\_GETFSSTAT /\*\*/

?H:.

?LINT:set d\_getfsstat

: see if getfsstat exists

set getfsstat d\_getfsstat

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getfsstat.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_loconv.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d\_loconv.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:14:11 ram

?RCS: patch36: created by ADO

?RCS:  
?MAKE:d\_loconv: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_loconv:  
?S: This variable conditionally defines HAS\_LOCALECONV if localeconv() is  
?S: available for numeric and monetary formatting conventions.  
?S:.  
?C:HAS\_LOCALECONV:  
?C: This symbol, if defined, indicates that the localeconv routine is  
?C: available for numeric and monetary formatting conventions.  
?C:.  
?H:#\$d\_loconv HAS\_LOCALECONV /\*\*/  
?H:.  
?LINT:set d\_loconv  
: see if localeconv exists  
set localeconv d\_loconv  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_loconv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 2000 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_localeconv\_l: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_localeconv\_l:  
?S: This variable conditionally defines the HAS\_LOCALECONV\_L symbol, which  
?S: indicates to the C program that the localeconv\_l() routine is available.  
?S:.  
?C:HAS\_LOCALECONV\_L:  
?C: This symbol, if defined, indicates that the localeconv\_l routine is  
?C: available to query certain information about a locale.  
?C:.  
?H:#\$d\_localeconv\_l HAS\_LOCALECONV\_L /\*\*/  
?H:.  
?LINT:set d\_localeconv\_l  
: see if localeconv\_l exists  
set localeconv\_l d\_localeconv\_l  
eval \$inlibc

Found in path(s):



\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_localeconv\_1.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_cmsg HDR\_s: Hasstruct i\_systypes d\_socket i\_sysuio Setvar

?MAKE: -pick add \$@ %<

?S:d\_cmsg HDR\_s:

?S: This variable conditionally defines the HAS\_STRUCT\_CMSGHDR symbol,

?S: which indicates that the struct cmsg HDR is supported.

?S:.

?C:HAS\_STRUCT\_CMSGHDR:

?C: This symbol, if defined, indicates that the struct cmsg HDR

?C: is supported.

?C:.

?H:#\$d\_cmsg HDR\_s HAS\_STRUCT\_CMSGHDR /\*\*/

?H:.

?LINT:set d\_cmsg HDR\_s

: Check for cmsg HDR support

echo " "

echo "Checking to see if your system supports struct cmsg HDR..." >&4

set d\_cmsg HDR\_s cmsg HDR \$i\_systypes sys/types.h \$d\_socket sys/socket.h \$i\_sysuio sys/uio.h

eval \$hasstruct

case "\$d\_cmsg HDR\_s" in

"\$define") echo "Yes, it does." ;;

\*) echo "No, it doesn't." ;;

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_cmsg HDR\_s.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: libflex.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

```

?RCS:
?RCS: $Log: libflex.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:57:48 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.2 1994/05/06 15:07:02 ram
?RCS: patch23: now uses full library path instead of -l notation
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:13:25 ram
?RCS: patch16: un-obsolete this unit to allow smooth lex/flex compilations
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:59 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libflex: Loc lex libpth _a
?MAKE: -pick add $@ %<
?S:libflex:
?S: This variable contains the argument to pass to the loader in order
?S: to get the flex/lex library routines. If there is no flex or flex
?S: library, it is null.
?S:.
?T:xxx
: see if we should include -lf
echo " "
case "$lex" in
*flex)
xxx=`./loc libl$_a x $libpth`
case "$xxx" in
x)
echo "No flex library found." >&4
libflex="
;;
*)
echo "flex library found in $xxx." >&4
libflex="$xxx"
;;
esac
;;
*lex)
xxx=`./loc libl$_a x $libpth`
case "$xxx" in
x)
echo "No lex library found." >&4
libflex="
;;
*)
echo "lex library found in $xxx." >&4
libflex="$xxx"

```

```
;;
esac
;;
*)
echo "You don't seem to have lex or flex, so I won't look for libraries." >&4
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libflex.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_usleep.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_usleep.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:07:53 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_usleep: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_usleep:
```

```
?S: This variable conditionally defines HAS_USLEEP if usleep() is
```

```
?S: available to do high granularity sleeps.
```

```
?S:.
```

```
?C:HAS_USLEEP (USLEEP):
```

```
?C: This symbol, if defined, indicates that the usleep routine is
```

```
?C: available to let the process sleep on a sub-second accuracy.
```

```
?C:.
```

```
?H:#$d_usleep HAS_USLEEP /**/
```

```
?H:.
```

```
?LINT:set d_usleep
```

```
: see if usleep exists
```

```
set usleep d_usleep
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_usleep.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_ftello: Inlibc longsize
?MAKE: -pick add $@ %<
?S:d_ftello:
?S: This variable conditionally defines the HAS_FTELLO symbol, which
?S: indicates to the C program that the ftello() routine is available.
?S:.
?C:HAS_FTELLO:
?C: This symbol, if defined, indicates that the ftello routine is
?C: available to ftell beyond 32 bits (useful for ILP32 hosts).
?C:.
?H:#$d_ftello HAS_FTELLO /**/
?H:.
?LINT:set d_ftello
: see if ftello exists
set ftello d_ftello
eval $inlibc
case "$longsize" in
8) echo "(Your long is 64 bits, so you could use ftell.)" ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ftello.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysun.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysun.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:42 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
```

?X:  
?X: This unit looks whether <sys/un.h> is available or not  
?X:  
?MAKE:i\_sysun: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_sysun:  
?S: This variable conditionally defines I\_SYS\_UN, which indicates  
?S: to the C program that it should include <sys/un.h> to get UNIX  
?S: domain socket definitions.  
?S:.  
?C:I\_SYS\_UN:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <sys/un.h> to get UNIX domain socket definitions.  
?C:.  
?H:#\$i\_sysun I\_SYS\_UN /\*\*/  
?H:.  
?LINT:set i\_sysun  
: see if this is a sys/un.h system  
set sys/un.h i\_sysun  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_sysun.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_strtod.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1996, Andy Dougherty  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_strtod.U,v \$  
?RCS: Revision 3.0.1.1 1997/02/28 15:46:36 ram  
?RCS: patch61: created  
?RCS:  
?RCS:  
?MAKE:d\_strtod: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_strtod:  
?S: This variable conditionally defines the HAS\_STRTOD symbol, which  
?S: indicates to the C program that the strtod() routine is available  
?S: to provide better numeric string conversion than atof().

?S:.

?C:HAS\_STRTOD (STRTOD):

?C: This symbol, if defined, indicates that the strtod routine is

?C: available to provide better numeric string conversion than atof().

?C:.

?H:#\$d\_strtod HAS\_STRTOD /\*\*/

?H:.

?LINT:set d\_strtod

: see if strtod exists

set strtod d\_strtod

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_strtod.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Signal.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:20:01 ram

?RCS: patch61: created

?RCS:

?X:

?X: This unit produces three files:

?X:

?X: 1- A signal.c file, which, when compiled and run, produces an output like:

?X:

?X: HUP 1

?X: INT 2

?X: QUIT 3

?X: etc...

?X:

?X: 2- A signal.awk script to parse the output of signal.c, fill

?X: in gaps (up to NSIG) and move duplicates to the end.

?X:

?X: 3- A signal\_cmd script to compile signal.c and run it

?X: through sort -n -k 2 | uniq | awk -f signal.awk.

?X: (we try also sort -n +1 since some old hosts don't grok sort -k)

?X: (This is called signal\_cmd to avoid OS/2 confusion with

?X: signal.cmd vs. signal.

?X: The signal\_cmd script also falls back on checking signals one at a time in case the signal.c program fails. On at least one version of Linux 2.1.x, the header file #define'd SIGRTMAX to a symbol that is not defined by the compiler/linker. :( Further, on that same version of Linux, the user had a defective C-shell that gave an incorrect list for kill -l, so the fall-back didn't work.

?X:

?X: This unit is then used by sig\_name.U.

?X:

?MAKE:Signal: test tr rm awk cat grep startsh eunicefix sed sort uniq \

Findhdr cppstdin +cppflags cppminus Compile trnl run

?MAKE: -pick add \$@ %<

?X:all files declared as "public" since they're used from other units

?F:signal.c signal\_cmd signal.lst signal signal.awk

?T: xx xxx xxxfiles

?LINT:use rm run

: Trace out the files included by signal.h, then look for SIGxxx names.

?X: Remove SIGARRAYSIZE used by HPUX.

?X: Remove SIGSTKSIZE used by Linux.

?X: Remove SIGSTKSZ used by Posix.

?X: Remove SIGTYP void lines used by OS2.

?X: Some cpps, like os390, dont give the file name anywhere

```
if [ "X$fieldn" = X ]; then
: Just make some guesses. We check them later.
xxx='/usr/include/signal.h /usr/include/sys/signal.h'
else
xxx=`echo '#include <signal.h>' |
$cppstdin $cppminus $cppflags 2>/dev/null |
$grep '^[ ]*#.*include' |
$awk '{print \\$fieldn}' | $sed 's!'!g' | \
$sed 's!\\\\\\\\\\\\\\\\!g' | $sort | $uniq`
fi
```

?X: Check this list of files to be sure we have parsed the cpp output ok.

?X: This will also avoid potentially non-existent files, such

?X: as ../foo/bar.h

```
xxxfiles=""
?X: Add /dev/null in case the $xxx list is empty.
for xx in $xxx /dev/null ; do
$test -f "$xx" && xxxfiles="$xxxfiles $xx"
done
?X: If we have found no files, at least try signal.h
case "$xxxfiles" in
") xxxfiles=`./findhdr signal.h` ;;
esac
xxx=`awk '
$1 ~ /^#define$/ && $2 ~ /^SIG[A-Z0-9]*$/ && $2 !~ /SIGARRAYSIZE/ && $2 !~ /SIGSTKSIZE/ && $2 !~ /SIGSTKSZ/ && $3 !~ /void/ {
```

```

print substr($2, 4, 20)
}
$1 == "#" && $2 ~ /^define$/ && $3 ~ /^SIG[A-Z0-9]*$/ && $3 !~ /SIGARRAYSIZE/ && $4 !~ /void/ {
print substr($3, 4, 20)
}' $xxxfiles`
: Append some common names just in case the awk scan failed.
xxx="$xxx ABRT ALRM BUS CANCEL CHLD CLD CONT DIL EMT FPE"
xxx="$xxx FREEZE HUP ILL INT IO IOT KILL LOST LWP PHONE"
xxx="$xxx PIPE POLL PROF PWR QUIT RTMAX RTMIN SEGV STKFLT STOP"
xxx="$xxx SYS TERM THAW TRAP TSTP TTIN TTOU URG USR1 USR2"
xxx="$xxx USR3 USR4 VTALRM WAITING WINCH WIND WINDOW XCPU XFSZ"

```

: generate a few handy files for later

```

$cat > signal.c <<'EOCP'
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
int main() {

/* Strange style to avoid deeply-nested #if/#else/#endif */
#ifndef NSIG
# ifdef _NSIG
#  define NSIG (_NSIG)
# endif
#endif

#ifndef NSIG
# ifdef SIGMAX
#  define NSIG (SIGMAX+1)
# endif
#endif

#ifndef NSIG
# ifdef SIG_MAX
#  define NSIG (SIG_MAX+1)
# endif
#endif

#ifndef NSIG
# ifdef MAXSIG
#  define NSIG (MAXSIG+1)
# endif
#endif

#ifndef NSIG
# ifdef MAX_SIG
#  define NSIG (MAX_SIG+1)
# endif

```



```

#endif

#ifndef NSIG
# ifdef SIGARRAYSIZE
#  define NSIG (SIGARRAYSIZE+1) /* Not sure of the +1 */
# endif
#endif

#ifndef NSIG
# ifdef _sys_nsig
#  define NSIG (_sys_nsig) /* Solaris 2.5 */
# endif
#endif

/* Default to some arbitrary number that's big enough to get most
   of the common signals.
*/
#ifndef NSIG
#  define NSIG 50
#endif

printf("NSIG %d\n", NSIG);

#ifndef JUST_NSIG

EOCP

echo $xxx | $tr ' ' $trnl | $sort | $uniq | $awk '
{
  printf "#ifdef SIG"; printf $1; printf "\n"
  printf "printf(\""; printf $1; printf " %%d\\n\",SIG";
  printf $1; printf ");\n"
  printf "#endif\n"
}
END {
  printf "#endif /* JUST_NSIG */\n";
  printf "exit(0);\n}\n";
}
' >>signal.c
$cat >signal.awk <<'EOP'
BEGIN { ndups = 0 }
$1 ~ /^NSIG$/ { nsig = $2 }
($1 !~ /^NSIG$/) && (NF == 2) {
  if ($2 > maxsig) { maxsig = $2 }
  if (sig_name[$2]) {
    dup_name[ndups] = $1
    dup_num[ndups] = $2
    ndups++
  }
}

```

```

    }
    else {
sig_name[$2] = $1
sig_num[$2] = $2
    }
}
END {
    if (nsig == 0) {
        nsig = maxsig + 1
    }
    printf("NSIG %d\n", nsig);
    for (n = 1; n < nsig; n++) {
if (sig_name[n]) {
        printf("%s %d\n", sig_name[n], sig_num[n])
    }
    else {
        printf("NUM%d %d\n", n, n)
    }
    }
    for (n = 0; n < ndups; n++) {
printf("%s %d\n", dup_name[n], dup_num[n])
    }
}
EOP
$cat >signal_cmd <<EOS
$startsh
if $test -s signal.lst; then
    echo "Using your existing signal.lst file"
    exit 0
fi
xxx="$xxx"
EOS
?X: Avoid variable interpolation problems, especially with
?X: xxx, which contains newlines.
$cat >>signal_cmd <<'EOS'

```

```

set signal
if eval $compile_ok; then
    $run ./signal$_exe | ($sort -n -k 2 2>/dev/null || $sort -n +1) |\
    $uniq | $awk -f signal.awk >signal.lst
else
    echo "(I can't seem be able to compile the whole test program)" >&4
    echo "(I'll try it in little pieces.)" >&4
    set signal -DJUST_NSIG
    if eval $compile_ok; then
        $run ./signal$_exe > signal.nsg
        $cat signal.nsg
    else

```

```

echo "I can't seem to figure out how many signals you have." >&4
echo "Guessing 50." >&4
echo 'NSIG 50' > signal.nsg
fi
: Now look at all the signal names, one at a time.
for xx in `echo $xxx | $tr ' ' $trnl | $sort | $uniq`; do
    $cat > signal.c <<EOCP
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
int main() {
printf("$xx %d\n", SIG${xx});
return 0;
}
EOCP
set signal
if eval $compile; then
echo "SIG${xx} found."
$run ./signal$_exe >> signal.ls1
else
echo "SIG${xx} NOT found."
fi
done
if $test -s signal.ls1; then
$cat signal.nsg signal.ls1 |
$sort -n | $uniq | $awk -f signal.awk >signal.lst
fi

fi
if $test -s signal.lst; then
:
else
echo "(AAK! I can't compile the test programs -- Guessing)" >&4
echo 'kill -l' >signal
set X `csh -f <signal`
$rm -f signal
shift
case $# in
0) set HUP INT QUIT ILL TRAP ABRT EMT FPE KILL BUS SEGV SYS PIPE ALRM TERM;;
esac
echo $@ | $tr ' ' $trnl | \
    $awk '{ printf "%s %d\n", $1, ++s; }
    END { printf "NSIG %d\n", ++s }' >signal.lst
fi
$rm -f signal.c signal$_exe signal$_o signal.nsg signal.ls1
EOS
chmod a+x signal_cmd
$unicefix signal_cmd

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Signal.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_pause.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d\_pause.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:09:54 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d\_pause: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_pause:

?S: This variable conditionally defines the HAS\_PAUSE symbol, which

?S: indicates to the C program that the pause() routine is available

?S: to suspend a process until a signal is received.

?S:.

?C:HAS\_PAUSE :

?C: This symbol, if defined, indicates that the pause routine is

?C: available to suspend a process until a signal is received.

?C:.

?H:#\$d\_pause HAS\_PAUSE /\*\*/

?H:.

?LINT:set d\_pause

: see if pause exists

set pause d\_pause

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_pause.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

```

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fseeko: Inlibc longsize
?MAKE: -pick add $@ %<
?S:d_fseeko:
?S: This variable conditionally defines the HAS_FSEEKO symbol, which
?S: indicates to the C program that the fseeko() routine is available.
?S:.
?C:HAS_FSEEKO:
?C: This symbol, if defined, indicates that the fseeko routine is
?C: available to fseek beyond 32 bits (useful for ILP32 hosts).
?C:.
?H:#$d_fseeko HAS_FSEEKO /**/
?H:.
?LINT:set d_fseeko
: see if fseeko exists
set fseeko d_fseeko
eval $inlibc
case "$longsize" in
8) echo "(Your long is 64 bits, so you could use fseek.)" ;;
)
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_fseeko.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_remainder: Inlibc
?MAKE: -pick add $@ %<
?S:d_remainder:
?S: This variable conditionally defines the HAS_REMAINDER symbol, which
?S: indicates to the C program that the remainder() routine is available.
?S:.
?C:HAS_REMAINDER:
?C: This symbol, if defined, indicates that the remainder routine is
?C: available to return the floating-point remainder.
?C:.
?H:#$d_remainder HAS_REMAINDER /**/
?H:.
?LINT:set d_remainder
: see if remainder exists
set remainder d_remainder
eval $inlibc

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_remainder.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systimeb.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: i_systimeb.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:37 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: This unit looks wether <sys/timeb.h> should be included
```

```
?X: or not when using ftime() (for struct timeb definition).
```

```
?X:
```

```
?X: Force looking for <sys/time.h> for struct timeb.
```

```
?X:INC: i_systime
```

```
?MAKE:i_systimeb: test contains Loc Setvar Findhdr
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_systimeb:
```

```
?S: This variable conditionally defines I_SYS_TIMEB, which indicates
```

```
?S: to the C program that it should include <sys/timeb.h>.
```

```
?S:.
```

```
?C:I_SYS_TIMEB (I_SYSTIMEB):
```

```
?C: This symbol, if defined, indicates to the C program that it should
```

```
?C: include <sys/timeb.h>, in order to define struct timeb (some systems
```

```
?C: define this in <sys/time.h>). This is useful when using ftime().
```

```
?C: You should include <sys/time.h> if I_SYS_TIMEB is not defined,
```

```
?C: nor is I_SYS_TIME.
```

```
?C:.
```

```
?H:#$i_systimeb I_SYS_TIMEB /**/
```

```
?H:.
```

```
?T:xxx
```

```
?LINT:set i_systimeb
```

```
: see where struct timeb is defined
```

```
echo " "
```

```
xxx=`./findhdr sys/timeb.h`
```

```
if $test "$xxx"; then
```

```
if $contains 'struct timeb' $xxx >/dev/null 2>&1; then
```

```

val="$define"
echo "You have struct timeb defined in <sys/timeb.h>." >&4
else
val="$undef"
echo "Assuming struct timeb is defined in <sys/time.h>." >&4
fi
else
val="$undef"
echo "No <sys/timeb.h> -- Assuming struct timeb is defined in <sys/time.h>." >&4
fi
set i_systimeb
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_systimeb.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_pwrite.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_pwrite.U,v $
?RCS:
?MAKE:d_pwrite: Inlibc
?MAKE: -pick add $@ %<
?S:d_pwrite:
?S: This variable conditionally defines the HAS_PWRITE symbol, which
?S: indicates to the C program that the pwrite() routine is available.
?S:.
?C:HAS_PWRITE :
?C: This symbol, if defined, indicates that the pwrite routine is
?C: available to perform writes on a file descriptor at a given offset.
?C:.
?H:#$d_pwrite HAS_PWRITE /**/
?H:.
?LINT:set d_pwrite
: see if pwrite exists
set pwrite d_pwrite
eval $inlibc

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_pwrite.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_ftrncate.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_ftrncate.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:07 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_ftrncate: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_ftrncate (d\_ftruncate):

?S: This variable conditionally defines the HAS\_FTRUNCATE symbol, which

?S: indicates to the C program that the ftruncate() subroutine exists.

?S:.

?C:HAS\_FTRUNCATE:

?C: This symbol, if defined, indicates that the ftruncate() subroutine

?C: exists.

?C:.

?H:#\$d\_ftrncate HAS\_FTRUNCATE /\*\*/

?H:.

?LINT:set d\_ftrncate

: see if ftruncate exists

set ftruncate d\_ftrncate

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_ftrncate.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root



?RCS: of the source tree for dist 3.0.  
?RCS:  
?MAKE:Devel usedevel: Myread rsrc package  
?MAKE: -pick wipe \$@ %<  
?T:xversion  
?X: waiver of rights  
?S:usedevel:  
?S: This variable indicates that Perl was configured with development  
?S: features enabled. This should not be done for production builds.  
?S:.  
?C:PERL\_USE\_DEVEL:  
?C: This symbol, if defined, indicates that Perl was configured with  
?C: -Dusedevel, to enable development features. This should not be  
?C: done for production builds.  
?C:.  
?H:#\$usedevel PERL\_USE\_DEVEL /\*\*/  
?H:.  
?LINT:extern versiononly  
?LINT:extern installusrbinperl  
?LINT:change versiononly  
?LINT:change installusrbinperl  
: See if we are using a devel version and want that  
xversion=`awk '/define[ ]+PERL\_VERSION/ {print \$3}' \$src/patchlevel.h`  
case "\$usedevel" in  
\$define|true|[yY]\*)  
usedevel="\$define" ;;  
\*) case "\$xversion" in  
\*[13579])  
cat >&4 <<EOH  
\*\*\* WHOA THERE!!! \*\*\*

This is an UNSTABLE DEVELOPMENT release.  
The version of this \$package distribution is \$xversion, that is, odd,  
(as opposed to even) and that signifies a development release.  
If you want a maintenance release, you want an even-numbered version.

Do \*\*\*NOT\*\*\* install this into production use.  
Data corruption and crashes are possible.

It is most seriously suggested that you do not continue any further  
unless you want to help in developing and debugging Perl.

If you \*still\* want to build perl, you can answer 'y' now,  
or pass -Dusedevel to Configure.

EOH  
rp='Do you really want to continue?'  
dflt='n'

```

./myread
case "$ans" in
[yY]) echo >&4 "Okay, continuing."
    usedevel="$define" ;;
*) echo >&4 "Okay, bye."
    exit 1
    ;;
esac
;;
esac
usedevel="$undef"
;;
esac
case "$usedevel" in
$define|true|[yY]*)
case "$versiononly" in
") versiononly="$define" ;;
esac
case "$installusrbinperl" in
") installusrbinperl="$undef" ;;
esac
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Devel.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.

?RCS:

?MAKE:i\_fenv: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_fenv:

?S: This variable conditionally defines the I\_FENV symbol, which

?S: indicates to the C program that <fenv.h> exists and should

?S: be included.

?S:.

?C:I\_FENV:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <fenv.h> to get the floating point environment definitions.

?C:.

?H:#\$i\_fenv I\_FENV /\*\*/

?H:.

?LINT:set i\_fenv

: see if this is a fenv.h system

set fenv.h i\_fenv

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_fenv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorprefix.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999 Andy Dougherty

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorprefix.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?MAKE:usevendorprefix vendorprefix vendorprefixexp +oldvendorprefix: \

Getfile Loc Oldconfig cat prefix Myread

?MAKE: -pick add \$@ %<

?S:usevendorprefix:

?S: This variable tells whether the vendorprefix

?S: and consequently other vendor\* paths are in use.

?S:.

?S:vendorprefix:

?S: This variable holds the full absolute path of the directory below

?S: which the vendor will install add-on packages.

?S: See INSTALL for usage and examples.

?S:.

?S:vendorprefixexp:

?S: This variable holds the full absolute path of the directory below

?S: which the vendor will install add-on packages. Derived from vendorprefix.

?S:.

?S:oldvendorprefix:

?S: This variable is set non-null if the vendorprefix was previously defined

?S: and gets set to a new value. Used internally by Configure only.

?S:.

: Set the vendorprefix variables

\$cat <<EOM

The installation process will also create a directory for vendor-supplied add-ons. Vendors who supply perl with their system may find it convenient to place all vendor-supplied files in this directory rather than in the main distribution directory. This will

ease upgrades between binary-compatible maintenance versions of perl.

Of course you may also use these directories in whatever way you see fit. For example, you might use them to access modules shared over a company-wide network.

The default answer should be fine for most people.

This causes further questions about vendor add-ons to be skipped and no vendor-specific directories will be configured for perl.

EOM

```
rp='Do you want to configure vendor-specific add-on directories?'
case "$usevendorprefix" in
define|true|[yY]*) dflt=y ;;
*) : User may have set vendorprefix directly on Configure command line.
case "$vendorprefix" in
'|' ) dflt=n ;;
*) dflt=y ;;
esac
;;
esac
. ./myread
case "$ans" in
[yY]*) fn=d~+
rp='Installation prefix to use for vendor-supplied add-ons?'
case "$vendorprefix" in
") dflt="$prefix" ;;
*) dflt=$vendorprefix ;;
esac
. ./getfile
: XXX Prefixit unit does not yet support siteprefix and vendorprefix
oldvendorprefix="
case "$vendorprefix" in
") ;;
*) case "$ans" in
"$prefix" ) ;;
*) oldvendorprefix="$prefix";;
esac
;;
esac
usevendorprefix="$define"
vendorprefix="$ans"
vendorprefixexp="$ansexp"
;;
*) usevendorprefix="$undef"
vendorprefix="
vendorprefixexp="
;;
```

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorprefix.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: maildir.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: maildir.U,v \$

?RCS: Revision 3.0.1.1 1993/12/15 08:21:56 ram

?RCS: patch15: now also looks under /var/mail for BSD/386

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:maildir maildirexp: Getfile Loc Oldconfig

?MAKE: -pick add \$@ %<

?S:maildir:

?S: This variable contains the name of the directory in which mail is

?S: spooled. Programs using this variable must be prepared to deal with

?S: ~name substitutions.

?S:.

?S:maildirexp:

?S: This is the same as the maildir variable, but is filename expanded

?S: at configuration time, for programs not willing to deal with it at

?S: run-time.

?S:.

: determine where mail is spooled

case "\$maildir" in

") dflt=`./loc ./usr/spool/mail /usr/spool/mail /usr/mail /var/mail`;;

\*) dflt="\$maildir";;

esac

echo " "

fn=d~

rp="Where is yet-to-be-read mail spooled?"

./getfile

maildir="\$sans"

maildirexp="\$sansexp"

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mailedir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_setpgrp.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:44:16 ram

?RCS: patch61: obsoleted USE\_BSDGRP in favor of USE\_BSD\_SETPGRP

?RCS: patch61: another unit now also defines a USE\_BSD\_GETPGRP

?RCS: patch61: fallback for test program failure improved

?RCS:

?RCS: Revision 3.0.1.2 1995/07/25 13:59:30 ram

?RCS: patch56: re-arranged compile line to include ldflags before objects

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:15:37 ram

?RCS: patch36: added 'ldflags' to the test compile line (ADO)

?RCS: patch36: call ./usg explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_setpgrp d\_bsdsetpgrp: cat rm +cc +libs +ccflags \  
+ldflags Inlibc Guess Setvar i\_unistd

?MAKE: -pick add \$@ %<

?S:d\_setpgrp:

?S: This variable conditionally defines HAS\_SETPGRP if setpgrp() is

?S: available to set the current process group.

?S:.

?S:d\_bsdsetpgrp (d\_bsdpgrp):

?S: This variable conditionally defines USE\_BSD\_SETPGRP if

?S: setpgrp needs two arguments whereas USG one needs none.

?S: See also d\_setpgid for a POSIX interface.

?S:.

?C:HAS\_SETPGRP (SETPGRP):

?C: This symbol, if defined, indicates that the setpgrp routine is

?C: available to set the current process group.

?C:.

?C:USE\_BSD\_SETPGRP (USE\_BSDPGRP BSDPGRP):

?C: This symbol, if defined, indicates that setpgrp needs two  
?C: arguments whereas USG one needs none. See also HAS\_SETPGID  
?C: for a POSIX interface.  
?C:.  
?H:#\$d\_setpgrp HAS\_SETPGRP /\*\*/  
?H:#\$d\_bsdsetpgrp USE\_BSD\_SETPGRP /\*\*/  
?H:.  
?F:!set.c !set  
?T:xxx  
?LINT:set d\_setpgrp d\_bsdsetpgrp  
: see if setpgrp exists  
set setpgrp d\_setpgrp  
eval \$inlibc

```
@if USE_BSD_SETPGRP || d_bsdsetpgrp
case "$d_setpgrp" in
"$define")
echo " "
echo "Checking to see which flavor of setpgrp is in use..."
$cat >set.c <<EOP
#$i_unistd I_UNISTD
#include <sys/types.h>
#ifdef I_UNISTD
# include <unistd.h>
#endif
int main()
{
if (getuid() == 0) {
printf("(I see you are running Configure as super-user...)\n");
setuid(1);
}
#ifdef TRY_BSD_PGRP
if (-1 == setpgrp(1, 1))
exit(0);
#else
if (setpgrp() != -1)
exit(0);
#endif
exit(1);
}
EOP
if $cc -DTRY_BSD_PGRP $ccflags $ldflags -o set set.c $libs >/dev/null 2>&1 && ./set; then
echo 'You have to use setpgrp(pid,pgrp) instead of setpgrp().' >&4
val="$define"
elif $cc $ccflags $ldflags -o set set.c $libs >/dev/null 2>&1 && ./set; then
echo 'You have to use setpgrp() instead of setpgrp(pid,pgrp).' >&4
val="$undef"
else
```

```

echo "(I can't seem to compile and run the test program.)"
if ./usg; then
  xxx="a USG one, i.e. you use setpgrp()."
else
  # SVR4 systems can appear rather BSD-ish.
  case "$i_unistd" in
  $undef)
    xxx="a BSD one, i.e. you use setpgrp(pid,pgrp)."
    val="$define"
    ;;
  $define)
    xxx="probably a USG one, i.e. you use setpgrp()."
    val="$undef"
    ;;
  esac
fi
echo "Assuming your setpgrp is $xxx" >&4
fi
;;
*) val="$undef";;
esac
set d_bsdsetpgrp
eval $setvar
$rm -f set set.c
@end

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setpgrp.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_utime.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_utime.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:47 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_utime: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_utime:



?S: This variable conditionally defines the I\_UTIME symbol, and indicates

?S: whether a C program should include <utime.h>.

?S:.

?C:I\_UTIME:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <utime.h>.

?C:.

?H:#\$i\_utime I\_UTIME /\*\*/

?H:.

?LINT:set i\_utime

: see if this is an utime system

set utime.h i\_utime

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_utime.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getpwuid\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_getpwuid\_r getpwuid\_r\_proto: Inlibc Protocbk Hasproto i\_systypes \  
 usethreads i\_pwd extern\_C

?MAKE: -pick add \$@ %<

?S:d\_getpwuid\_r:

?S: This variable conditionally defines the HAS\_GETPWUID\_R symbol,

?S: which indicates to the C program that the getpwuid\_r()

?S: routine is available.

?S:.

?S:getpwuid\_r\_proto:

?S: This variable encodes the prototype of getpwuid\_r.

?S: It is zero if d\_getpwuid\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getpwuid\_r

?S: is defined.

?S:.

?C:HAS\_GETPWUID\_R:

?C: This symbol, if defined, indicates that the getpwuid\_r routine

?C: is available to getpwuid re-entrantly.

?C:.

?C:GETPWUID\_R\_PROTO:

?C: This symbol encodes the prototype of getpwuid\_r.

?C: It is zero if d\_getpwuid\_r is undef, and one of the

```

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwuid_r
?C: is defined.
?C:.
?H:#$d_getpwuid_r HAS_GETPWUID_R /**/
?H:#define GETPWUID_R_PROTO $getpwuid_r_proto /**/
?H:.
?T:try hdrs d_getpwuid_r_proto
: see if getpwuid_r exists
set getpwuid_r d_getpwuid_r
eval $inlibc
case "$d_getpwuid_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
case "$d_getpwuid_r_proto:$usetthreads" in
":define") d_getpwuid_r_proto=define
set d_getpwuid_r_proto getpwuid_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getpwuid_r_proto" in
define)
case "$getpwuid_r_proto" in
"|0) try='int getpwuid_r(uid_t, struct passwd*, char*, size_t, struct passwd**);'
./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=I_TSBWR ;;
esac
case "$getpwuid_r_proto" in
"|0) try='int getpwuid_r(uid_t, struct passwd*, char*, int, struct passwd**);'
./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=I_TSBI ;;
esac
case "$getpwuid_r_proto" in
"|0) try='int getpwuid_r(uid_t, struct passwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=I_TSBI ;;
esac
case "$getpwuid_r_proto" in
"|0) try='struct passwd* getpwuid_r(uid_t, struct passwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=S_TSBI ;;
esac
case "$getpwuid_r_proto" in
"|0) d_getpwuid_r=undef
getpwuid_r_proto=0
echo "Disabling getpwuid_r, cannot determine prototype." >&4 ;;
* ) case "$getpwuid_r_proto" in
REENTRANT_PROTO*) ;;
*) getpwuid_r_proto="REENTRANT_PROTO_$getpwuid_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;

```

```

*) case "$usethreads" in
define) echo "getpwuid_r has no prototype, not using it." >&4 ;;
esac
d_getpwuid_r=undef
getpwuid_r_proto=0
;;
esac
;;
*) getpwuid_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getpwuid_r.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_grp.U,v 3.0 1993/08/18 12:08:20 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: GRPASSWD detection added by Andy Dougherty July 14, 1998.
?RCS:
?RCS: $Log: i_grp.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:20 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_grp d_grpasswd: \
contains rm cppstdin cppflags cppminus Inhdr Findhdr Setvar
?MAKE: -pick add $@ %<
?S:i_grp:
?S: This variable conditionally defines the I_GRP symbol, and indicates
?S: whether a C program should include <grp.h>.
?S:.
?S:d_grpasswd:
?S: This variable conditionally defines GRPASSWD, which indicates
?S: that struct group in <grp.h> contains gr_passwd.
?S:.
?C:I_GRP:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <grp.h>.
?C:.

```

```
?C:GRPASSWD:
?C: This symbol, if defined, indicates to the C program that struct group
?C: in <grp.h> contains gr_passwd.
?C:.
?H:#$i_grp I_GRP /**/
?H:#$d_grpasswd GRPASSWD /**/
?H:.
?LINT:set i_grp d_grpasswd
?T: xxx
: see if this is an grp system
set grp.h i_grp
eval $inhdr
```

```
case "$i_grp" in
$define)
xxx=`./findhdr grp.h`
$cpstdin $cppflags $cppminus < $xxx >$.h
```

```
if $contains 'gr_passwd' $.h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_grpasswd
eval $setvar
```

```
$rm -f $.h
;;
*)
val="$undef";
set d_grpasswd; eval $setvar
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_grp.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_nan: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_nan:

?S: This variable conditionally defines HAS\_NAN if nan() is

?S: available to generate NaN.

?S:.

```
?C:HAS_NAN:
?C: This symbol, if defined, indicates that the nan routine is
?C: available to generate NaN.
?C:.
?H:#$d_nan HAS_NAN /**/
?H:.
?LINT:set d_nan
: see if nan exists
set nan d_nan
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nan.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systimes.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_systimes.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:39 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_systimes: Inhdr
?MAKE: -pick add $@ %<
?S:i_systimes:
?S: This variable conditionally defines the I_SYS_TIMES symbol, and indicates
?S: whether a C program should include <sys/times.h>.
?S:.
?C:I_SYS_TIMES (I_SYSTIMES):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/times.h>.
?C:.
?H:#$i_systimes I_SYS_TIMES /**/
?H:.
?LINT:set i_systimes
: see if this is a sys/times.h system
set sys/times.h i_systimes
eval $inhdr
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_systimes.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_link.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_link.U,v \$

?RCS: Revision 3.0.1.1 1993/08/25 14:01:13 ram

?RCS: patch6: created for completeness

?RCS:

?MAKE:d\_link: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_link:

?S: This variable conditionally defines HAS\_LINK if link() is

?S: available to create hard links.

?S:.

?C:HAS\_LINK:

?C: This symbol, if defined, indicates that the link routine is

?C: available to create hard links.

?C:.

?H:#\$d\_link HAS\_LINK /\*\*/

?H:.

?LINT:set d\_link

: see if link exists

set link d\_link

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_link.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getservprotos.U,v \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.  
?RCS:  
?MAKE:d\_getservprotos : Hasproto i\_netdb  
?MAKE: -pick add \$@ %<  
?S:d\_getservprotos:  
?S: This variable conditionally defines the HAS\_GETSERV\_PROTOS symbol,  
?S: which indicates to the C program that <netdb.h> supplies  
?S: prototypes for the various getserv\*() functions.  
?S: See also netdbtype.U for probing for various netdb types.  
?S:.  
?C:HAS\_GETSERV\_PROTOS:  
?C: This symbol, if defined, indicates that <netdb.h> includes  
?C: prototypes for getservent(), getservbyname(), and  
?C: getservbyaddr(). Otherwise, it is up to the program to guess  
?C: them. See netdbtype.U for probing for various Netdb\_XXX\_t types.  
?C:.  
?H:#\$d\_getservprotos HAS\_GETSERV\_PROTOS /\*\*/  
?H:.  
?LINT:set d\_getservprotos  
: see if prototypes for various getservxxx netdb.h functions are available  
echo " "  
set d\_getservprotos getservent \$i\_netdb netdb.h  
eval \$hasproto

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d\_getservprotos.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: libnlist.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: libnlist.U,v \$  
?RCS: Revision 3.0.1.1 1997/02/28 16:08:02 ram  
?RCS: patch61: added usrinc and mips on the dependency line  
?RCS: patch61: make sure we call ./mips  
?RCS: patch61: added a ?LINT: hint  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:00 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:

```

?MAKE:libnlist: Loc libpth Guess usrin _a
?MAKE: -pick add $@ %<
?S:libnlist (libmld):
?S: This variable contains the name of the library required to get the
?S: definition of the nlist() function. On a MIPS RISC/OS box, it is -lml.
?S: Under Sys Vr4, it is -lelf. Otherwise, its value is empty.
?S:.
?T:xxx
?LINT:use usrin
: see if we need a special library for 'nlist()'
echo " "
: How about doing this if nlist is not in libc...
if ./mips ; then
libnlist='-lml'
else
xxx=`./loc libelf$_a x $libpth`
case "$xxx" in
x) ;;
*)
libnlist="$xxx"
;;
esac
fi
case "$libnlist" in
") echo "No special library for nlist() seems necessary." >&4
;;
*) echo "nlist() can be found in $libnlist." >&4
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libnlist.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 2004 H.Merijn Brand
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_strlcpy: Inlibc Hasproto d_gnulibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_strlcpy:
```

```
?S: This variable conditionally defines the HAS_STRLCPY symbol, which
```

```
?S: indicates to the C program that the strlcpy () routine is available.
```

```
?S:.
```



```

?C:HAS_STRLCOPY:
?C: This symbol, if defined, indicates that the strlcpy () routine is
?C: available to do string copying.
?C:.
?H:#$d_strlcpy HAS_STRLCOPY /**/
?H:.
?T:d_strlcpy_proto xx1 xx2 xx3 xx4
?LINT:set d_strlcpy
: see if strlcpy exists
: We need both a prototype in string.h and the symbol in libc.
echo " "
d_strlcpy_proto="
xx1="#$d_gnulibc HAS_GNULIBC"
xx2="#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)"
xx3="# define _GNU_SOURCE"
xx4="#endif"
set d_strlcpy_proto strlcpy literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto
case "$d_strlcpy_proto" in
    define) # see if strlcpy exists
        set strlcpy d_strlcpy
        eval $inlibc
        ;;
    *) val=$undef
        set d_strlcpy
        eval $setvar
        ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strlcpy.U

```

No license file was found, but licenses were detected in source scan.

```

case $CONFIG in
")
if test -f config.sh; then TOP=.;
elif test -f ../config.sh; then TOP=..;
elif test -f ../../config.sh; then TOP=../../;
elif test -f ../../../config.sh; then TOP=../../../;
elif test -f ../../../../config.sh; then TOP=../../../../;
else
echo "Can't find config.sh."; exit 1
fi
. $TOP/config.sh
;;
esac
case "$0" in

```

```

*/*) cd `expr X$0 : 'X\(.*/)`" ;;
esac
echo "Extracting makedir (with variable substitutions)"
$spitshell >makedir <<!GROK!THIS!
$startsh
# $Id: makedir.sh,v 3.0.1.1 1994/01/24 14:00:08 ram Exp ram $
#
# Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
#
# You may redistribute only under the terms of the Artistic Licence,
# as specified in the README file that comes with the distribution.
# You may reuse parts of this distribution only within the terms of
# that same Artistic Licence; a copy of which may be found at the root
# of the source tree for dist 4.0.
#
# Original Author: Larry Wall <lwall@netlabs.com>
#
# $Log: makedir.sh,v $
# Revision 3.0.1.1 1994/01/24 14:00:08 ram
# patch16: changed top ln-style config.sh lookup into test-style one
#
# Revision 3.0 1993/08/18 12:04:38 ram
# Baseline for dist 3.0 netwide release.
#

export PATH || (echo "OOPS, this isn't sh. Desperation time. I will feed myself to sh."; sh \${0}; kill \${0})

case \ $# in
0)
    $echo "makedir pathname filenameflag"
    exit 1
    ;;
esac

: guarantee one slash before 1st component
case \ $1 in
/*) ;;
*) set .^$1 \ $2 ;;
esac

: strip last component if it is to be a filename
case X\ $2 in
X1) set \ $echo \ $1 | $sed 's:\(.*/\)[^/]*\$:1:\`" ;;
*) set \ $1 ;;
esac

: return reasonable status if nothing to be created
if $test -d "\ $1" ; then

```

```
    exit 0
fi

list=""
while true ; do
    case \ $1 in
        */*)
            list="\ $1 \ $list"
            set \ `echo \ $1 | $sed 's:(.*)/: \1 :'\`
            ;;
        *)
            break
            ;;
    esac
done
```

```
set \ $list
```

```
for dir do
    $mkdir \ $dir >/dev/null 2>&1
done
!GROK!THIS!
$unicefix makedir
chmod +x makedir
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/makedir.SH
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Finish.U,v \$

?RCS: Revision 3.0.1.6 1995/02/15 14:09:30 ram

?RCS: patch51: now clearer about how to edit config.sh at the prompt (WED)

?RCS:

?RCS: Revision 3.0.1.5 1994/10/29 15:53:14 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0.1.4 1994/05/06 14:19:37 ram

```

?RCS: patch23: added blank lines around 'End of Configure'
?RCS:
?RCS: Revision 3.0.1.3 1993/10/16 13:46:09 ram
?RCS: patch12: replaced Config_h by Magic_h in the dependency line
?RCS:
?RCS: Revision 3.0.1.2 1993/09/13 15:45:26 ram
?RCS: patch10: fixed shell evaluation w/o shell escape while in silent mode
?RCS:
?RCS: Revision 3.0.1.1 1993/08/30 08:55:59 ram
?RCS: patch8: prevents myread from blocking on empty answers, exceptionally
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:55 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit is the very last one in the Configure script. It runs all the
?X: SH files, which among other things produce config.h and (usually) Makefile.
?X: It offers to do a make depend if the Makefile contains that target.
?X:
?MAKE:Finish: Chk_MANI Extract Myread Oldsym Magic_h cat rm contains \
test package make
?MAKE: -pick add $@ %<
?F:!config.sh
?T:pwd
: Finish up by extracting the .SH files
case "$alldone" in
exit)
?X: They supplied the -E switch
echo "Stopping at your request, leaving temporary files around."
exit 0
;;
cont)
;;
")
dflt="
nostick=true
$cat <<EOM

```

If you'd like to make any changes to the config.sh file before I begin to configure things, do it as a shell escape now (e.g. !vi config.sh).

```

EOM
rp="Press return or use a shell escape to edit config.sh:"
. UU/myread
nostick="
case "$ans" in
") ;;
*) : in case they cannot read

```

```

sh 1>&4 -c "$ans";;
esac
;;
esac

```

: if this fails, just run all the .SH files by hand

```

./config.sh

```

?X:

?X: Turn silent mode off from now on (we want a verbose file extraction).

?X: This means we have to explicitly test for '\$silent' from now on to

?X: strip off any verbose messages.

?X:

```

echo " "

```

```

exec 1>&4

```

```

pwd=`pwd`

```

```

./UU/extract

```

```

cd "$pwd"

```

```

if $contains '^depend:' [Mm]akefile >/dev/null 2>&1; then

```

```

dflt=y

```

```

case "$silent" in

```

```

true) ;;

```

```

*)

```

```

$cat <<EOM

```

Now you need to generate make dependencies by running "\$make depend".

You might prefer to run it in background: "\$make depend > makedepend.out &"

It can take a while, so you might not want to run it right now.

```

EOM

```

```

;;

```

```

esac

```

```

rp="Run $make depend now?"

```

```

./UU/myread

```

```

case "$ans" in

```

```

y*)

```

```

$make depend && echo "Now you must run '$make'."

```

```

;;

```

```

*)

```

```

echo "You must run '$make depend' then '$make'."

```

```

;;

```

```

esac

```

```

elif test -f [Mm]akefile; then

```

```

echo " "

```

```

echo "Now you must run a $make."

```

```

else

```

```

echo "Configure done."

```

fi

```
if $test -f Policy.sh; then
    $cat <<EOM
```

If you compile \$package on a different machine or from a different object directory, copy the Policy.sh file from this object directory to the new one before you run Configure -- this will help you with most of the policy defaults.

EOM

fi

```
if $test -f UU/config.msg; then
    echo "Hmm. I also noted the following information while running:"
    echo " "
    $cat UU/config.msg >&4
```

fi

?X:

?X: kit\*isdone files are left over by shell archives built using the makedist

?X: script which comes from dist, while ark\*isdone files are left over by

?X: the cshar archive maker.

?X:

```
$rm -f kit*isdone ark*isdone
```

```
$rm -rf UU
```

: End of Configure

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Finish.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: End.U,v 3.0 1993/08/18 12:04:51 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: End.U,v \$

?RCS: Revision 3.0 1993/08/18 12:04:51 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit serves as the goal which forces make to choose all the units that

?X: ask questions. The \$W on the ?MAKE: line is the list of all symbols wanted.

?X: To force any unit to be included, copy this unit to your private U directory

?X: and add the name of the unit desired to the ?MAKE: dependency line.

?X:

```
?MAKE:End perllibs: $W cppstdin gzip zip libs usedl osname osvers
```

```
?MAKE: -pick add $@ %<
```

```
?S:perllibs:
```

```
?S: The list of libraries needed by Perl only (any libraries needed
```

```
?S: by extensions only will be dropped, if using dynamic loading).
```

```
?S:.
```

```
?INIT:perllibs="
```

```
?LINT:use $W
```

```
?LINT:use gzip zip
```

```
?LINT:change cppstdin
```

```
: Remove libraries needed only for extensions
```

```
: The appropriate ext/Foo/Makefile.PL will add them back in, if necessary.
```

```
: The exception is SunOS 4.x, which needs them.
```

```
case "${osname}X${osvers}" in
```

```
sunos*X4*)
```

```
    perllibs="$libs"
```

```
    ;;
```

```
*) case "$usedl" in
```

```
    $define[true|[yY]*)
```

```
        set X `echo " $libs " | sed -e 's@ -lndbm @ @' -e 's@ -lgdbm @ @' -e 's@ -lgdbm_compat @ @' -e 's@ -ldb @ @'`
```

```
        @' -e 's@ -ldb @ @'`
```

```
        shift
```

```
        perllibs="$*"
```

```
        ;;
```

```
    *) perllibs="$libs"
```

```
        ;;
```

```
esac
```

```
;;
```

```
esac
```

?X: If the user has the cppstdin wrapper, perl.c will try to call

?X: CPPSTDIN, but that will point to a location in the build

?X: directory, not the installed version!. Here, we'll just strip the

?X: name down to 'cppstdin', and rely on the fact that perl.c will

?X: then call SCRIPTDIR/cppstdin, but local things like 'make depend'

?X: will continue to work.

```
: Remove build directory name from cppstdin so it can be used from
```

```
: either the present location or the final installed location.
```

```
echo " "
```

```
: Get out of the UU directory to get correct path name.
```

```
cd ..
```

```
case "$cppstdin" in
```

```
  `pwd`/cppstdin)
```

```
    echo "Stripping down cppstdin path name"
```

```
cppstdin=cppstdin
```

```
::
```

```
esac
```

```
cd UU
```

```
: end of configuration questions
```

```
echo " "
```

```
echo "End of configuration questions."
```

```
echo " "
```

```
Found in path(s):
```

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/End.U
```

```
No license file was found, but licenses were detected in source scan.
```

```
?RCS: $Id: Signal.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Signal.U,v $
```

```
?RCS: Revision 3.0.1.1 1997/02/28 15:20:01 ram
```

```
?RCS: patch61: created
```

```
?RCS:
```

```
?X:
```

```
?X: This unit produces three files:
```

```
?X: 1- A signal.c file, which, when compiled and run, produces an output like:
```

```
?X:
```

```
?X: HUP 1
```

```
?X: INT 2
```

```
?X: QUIT 3
```

```
?X: etc...
```

```
?X:
```

```
?X: 2- A signal.awk script to parse the output of signal.c, fill
```

```
?X: in gaps (up to NSIG) and move duplicates to the end.
```

```
?X: 3- A signal_cmd script to compile signal.c and run it
```

```
?X: through sort -n -k 2 | uniq | awk -f signal.awk.
```

```
?X: (we try also sort -n +1 since some old hosts don't grok sort -k)
```

```
?X: (This is called signal_cmd to avoid OS/2 confusion with
```

```
?X: signal.cmd vs. signal.
```

```
?X: The signal_cmd script also falls back on checking signals one at a
```

```
?X: time in case the signal.c program fails. On at least one version of
```

```
?X: Linux 2.1.x, the header file #define'd SIGRTMAX to a symbol that
```



?X: is not defined by the compiler/linker. :-(. Further, on that same  
?X: version of Linux, the user had a defective C-shell that gave an  
?X: incorrect list for kill -l, so the fall-back didn't work.  
?X:  
?X: This unit is then used by sig\_name.U.  
?X:  
?MAKE:Signal: test tr rm awk cat grep startsh eunicefix sed sort uniq \  
Findhdr cppstdin +cppflags cppminus Compile \_o \_exe trnl run i\_stdlib \  
sysroot  
?MAKE: -pick add \$@ %<  
?X:all files declared as "public" since they're used from other units  
?F:signal.c signal\_cmd signal.lst signal signal.awk  
?T: xx xxx xxxfiles  
?LINT:use rm run \_o \_exe  
?LINT:extern sig\_num\_init  
: Trace out the files included by signal.h, then look for SIGxxx names.  
?X: Remove SIGARRAYSIZE used by HPUX.  
?X: Remove SIGSTKSZ used by Linux.  
?X: Remove SIGSTKSZ used by POSIX.  
?X: Remove SIGTYP void lines used by OS2.  
?X: Some cpps, like os390, do not give the file name anywhere  
case "\$sig\_num\_init" in  
")  
if [ "X\$fieldn" = X ]; then  
: Just make some guesses. We check them later.  
xxx="\$sysroot/usr/include/signal.h \$sysroot/usr/include/sys/signal.h"  
else  
xxx=`echo '#include <signal.h>' |  
\$cppstdin \$cppminus \$cppflags 2>/dev/null |  
\$grep '^[ ]\*#.\*include' |  
\$awk '{print \\\$fieldn}' | \$sed 's!'!g' \  
\$sed 's!\\\\\\\\\\\\\\\\!g' | \$sort | \$uniq`  
fi  
?X: Check this list of files to be sure we have parsed the cpp output ok.  
?X: This will also avoid potentially non-existent files, such  
?X: as ../foo/bar.h  
xxxfiles="  
?X: Add /dev/null in case the \$xxx list is empty.  
for xx in \$xxx /dev/null ; do  
\$test -f "\$xx" && xxxfiles="\$xxxfiles \$xx"  
done  
?X: If we have found no files, at least try signal.h  
case "\$xxxfiles" in  
") xxxfiles=`./findhdr signal.h` ;;  
esac  
xxx=`awk '  
\$1 ~ /^#define\$/ && \$2 ~ /^SIG[A-Z0-9]\*\$/ && \$2 !~ /SIGARRAYSIZE/ && \$2 !~ /SIGSTKSZ/ && \$2 !~ /SIGSTKSZ/ && \$3 !~ /void/ {

```

print substr($2, 4, 20)
}
$1 == "#" && $2 ~ /^define$/ && $3 ~ /^SIG[A-Z0-9]*$/ && $3 !~ /SIGARRAYSIZE/ && $4 !~ /void/ {
print substr($3, 4, 20)
}' $xxxfiles`
: Append some common names just in case the awk scan failed.
xxx="$xxx ABRT ALRM BUS CANCEL CHLD CLD CONT DIL EMT FPE"
xxx="$xxx FREEZE HUP ILL INT IO IOT KILL LOST LWP PHONE"
xxx="$xxx PIPE POLL PROF PWR QUIT RTMAX RTMIN SEGV STKFLT STOP"
xxx="$xxx SYS TERM THAW TRAP TSTP TTIN TTOU URG USR1 USR2"
xxx="$xxx USR3 USR4 VTALRM WAITING WINCH WIND WINDOW XCPU XFSZ"

```

: generate a few handy files for later

```

$cat > signal.c <<EOCP
#include <sys/types.h>
#include <signal.h>
#i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <stdio.h>
int main() {

/* Strange style to avoid deeply-nested #if/#else/#endif */
#ifndef NSIG
# ifdef _NSIG
#  define NSIG (_NSIG)
# endif
#endif

#ifndef NSIG
# ifdef SIGMAX
#  define NSIG (SIGMAX+1)
# endif
#endif

#ifndef NSIG
# ifdef SIG_MAX
#  define NSIG (SIG_MAX+1)
# endif
#endif

#ifndef NSIG
# ifdef _SIG_MAX
#  define NSIG (_SIG_MAX+1)
# endif
#endif

```

```

#ifndef NSIG
# ifdef MAXSIG
#  define NSIG (MAXSIG+1)
# endif
#endif

#ifndef NSIG
# ifdef MAX_SIG
#  define NSIG (MAX_SIG+1)
# endif
#endif

#ifndef NSIG
# ifdef SIGARRAYSIZE
#  define NSIG SIGARRAYSIZE /* Assume ary[SIGARRAYSIZE] */
# endif
#endif

#ifndef NSIG
# ifdef _sys_nsig
#  define NSIG (_sys_nsig) /* Solaris 2.5 */
# endif
#endif

/* Default to some arbitrary number that's big enough to get most
   of the common signals.
*/
#ifndef NSIG
#  define NSIG 50
#endif

printf("NSIG %d\n", NSIG);

#ifndef JUST_NSIG

EOCP

echo $xxx | $tr ' ' $trnl | $sort | $uniq | $awk '
{
  printf "#ifdef SIG"; printf $1; printf "\n"
  printf "printf(\""; printf $1; printf " %%d\\n\",SIG";
  printf $1; printf ");\n"
  printf "#endif\n"
}
END {
  printf "#endif /* JUST_NSIG *\n";
  printf "exit(0);\n}\n";
}

```

```

' >>signal.c
$cat >signal.awk <<'EOP'
BEGIN { ndups = 0 }
$1 ~ /^NSIG$/ { nsig = $2 }
($1 !~ /^NSIG$/) && (NF == 2) && ($2 ~ /^[0-9][0-9]*$/) {
    if ($2 > maxsig) { maxsig = $2 }
    if (sig_name[$2]) {
        dup_name[ndups] = $1
        dup_num[ndups] = $2
        ndups++
    }
    else {
        sig_name[$2] = $1
        sig_num[$2] = $2
    }
}
END {
    if (nsig == 0) {
        nsig = maxsig + 1
    }
    printf("NSIG %d\n", nsig);
    for (n = 1; n < nsig; n++) {
        if (sig_name[n]) {
            printf("%s %d\n", sig_name[n], sig_num[n])
        }
        else {
            printf("NUM%d %d\n", n, n)
        }
    }
    for (n = 0; n < ndups; n++) {
        printf("%s %d\n", dup_name[n], dup_num[n])
    }
}
EOP
$cat >signal_cmd <<EOS
$startsh
if $test -s signal.lst; then
    echo "Using your existing signal.lst file"
    exit 0
fi
xxx="$xxx"
EOS
?X: Avoid variable interpolation problems, especially with
?X: xxx, which contains newlines.
$cat >>signal_cmd <<'EOS'

```

```

set signal
if eval $compile_ok; then

```

```

$run ./signal$_exe | ($sort -n -k 2 2>/dev/null || $sort -n +1) |\
$uniq | $awk -f signal.awk >signal.lst
else
echo "(I can't seem be able to compile the whole test program)" >&4
echo "(I'll try it in little pieces.)" >&4
set signal -DJUST_NSIG
if eval $compile_ok; then
$run ./signal$_exe > signal.nsg
$cat signal.nsg
else
echo "I can't seem to figure out how many signals you have." >&4
echo "Guessing 50." >&4
echo 'NSIG 50' > signal.nsg
fi
: Now look at all the signal names, one at a time.
for xx in `echo $xxx | $tr ' ' $trnl | $sort | $uniq`; do
$cat > signal.c <<EOCP
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
int main() {
printf("$xx %d\n", SIG${xx});
return 0;
}
EOCP
set signal
if eval $compile; then
echo "SIG${xx} found."
$run ./signal$_exe >> signal.ls1
else
echo "SIG${xx} NOT found."
fi
done
if $test -s signal.ls1; then
$cat signal.nsg signal.ls1 |
$sort -n | $uniq | $awk -f signal.awk >signal.lst
fi

fi
if $test -s signal.lst; then
:
else
echo "(AAK! I can't compile the test programs -- Guessing)" >&4
echo 'kill -l' >signal
set X `csh -f <signal`
$rm -f signal
shift
case $# in

```

```

0) set HUP INT QUIT ILL TRAP ABRT EMT FPE KILL BUS SEGV SYS PIPE ALRM TERM;;
esac
echo $@ | $tr ' ' $trnl | \
    $awk '{ printf "%s %d\n", $1, ++s; }
END { printf "NSIG %d\n", ++s }' >signal.lst
fi
$rm -f signal.c signal$_exe signal$_o signal.nsg signal.ls1
EOS
chmod a+x signal_cmd
$unicefix signal_cmd
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Signal.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_sysfile.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysfile.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 14:11:36 ram
?RCS: patch56: removed <> characters from comment, per metalint suggestion
?RCS:
?RCS: Revision 3.0.1.1 1993/08/25 14:01:23 ram
?RCS: patch6: added default for i_sysfile
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:31 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_sysfile: h_sysfile Inhdr Setvar
?MAKE: -pick add $@ %<
?S:i_sysfile:
?S: This variable conditionally defines the I_SYS_FILE symbol, and indicates
?S: whether a C program should include <sys/file.h> to get R_OK and friends.
?S:.
?C:I_SYS_FILE (I_SYSFILE):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/file.h> to get definition of R_OK and friends.
?C:.

```

```

?H:#$i_sysfile I_SYS_FILE /**/
?H:.
?T:val
?D:i_sysfile="
?LINT:change h_sysfile
?LINT:set i_sysfile
: see if this is a sys/file.h system
val="
set sys/file.h val
eval $inhdr

: do we need to include sys/file.h ?
case "$val" in
"$define")
echo " "
if $h_sysfile; then
val="$define"
echo "We'll be including <sys/file.h>." >&4
else
val="$undef"
echo "We won't be including <sys/file.h>." >&4
fi
;;
*)
h_sysfile=false
;;
esac
set i_sysfile
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysfile.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_mbstowcs.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_mbstowcs.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:29 ram
?RCS: Baseline for dist 3.0 netwide release.

```

?RCS:  
?MAKE:d\_mbstowcs: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_mbstowcs:  
?S: This variable conditionally defines the HAS\_MBSTOWCS symbol, which  
?S: indicates to the C program that the mbstowcs() routine is available  
?S: to convert a multibyte string into a wide character string.  
?S:.  
?C:HAS\_MBSTOWCS (MBSTOWCS):  
?C: This symbol, if defined, indicates that the mbstowcs routine is  
?C: available to convert a multibyte string into a wide character string.  
?C:.  
?H:#\$d\_mbstowcs HAS\_MBSTOWCS /\*\*/  
?H:.  
?LINT:set d\_mbstowcs  
: see if mbstowcs exists  
set mbstowcs d\_mbstowcs  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_mbstowcs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_fchown.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_fchown.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:01 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_fchown: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_fchown:  
?S: This variable conditionally defines the HAS\_FCHOWN symbol, which  
?S: indicates to the C program that the fchown() routine is available  
?S: to change ownership of opened files.  
?S:.  
?C:HAS\_FCHOWN (FCHOWN):  
?C: This symbol, if defined, indicates that the fchown routine is available  
?C: to change ownership of opened files. If unavailable, use chown().



```
?C:
?H:#$d_fchown HAS_FCHOWN /**/
?H:
?LINT:set d_fchown
: see if fchown exists
set fchown d_fchown
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fchown.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Null.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Null.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:10 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit ends up producing shell code to set all variables to ". This
?X: probably isn't necessary, but I'm paranoid. About certain things.
?X:
?MAKE:Null: Head
?MAKE: -pick add.Null $@ %<
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Null.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
```

```

?RCS:
?RCS: $Log: d_time.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 14:07:43 ram
?RCS: patch56: typo fix, sytem -> system
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:16:38 ram
?RCS: patch36: now uses new Typedef unit to compute type information (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:45 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: Maybe <sys/types.h> should be included?
?X:INC: i_systypes
?MAKE:d_time timetype: Csym Setvar Findhdr Myread Typedef
?MAKE:-pick add $@ %<
?S:d_time:
?S: This variable conditionally defines the HAS_TIME symbol, which indicates
?S: that the time() routine exists. The time() routine is normally
?S: provided on UNIX systems.
?S:.
?S:timetype:
?S: This variable holds the type returned by time(). It can be long,
?S: or time_t on BSD sites (in which case <sys/types.h> should be
?S: included). Anyway, the type Time_t should be used.
?S:.
?C:HAS_TIME (TIMER):
?C: This symbol, if defined, indicates that the time() routine exists.
?C:.
?C:Time_t (TIMETYPE):
?C: This symbol holds the type returned by time(). It can be long,
?C: or time_t on BSD sites (in which case <sys/types.h> should be
?C: included).
?C:.
?H:#$d_time HAS_TIME /**/
?H:#define Time_t $timetype /* Time type */
?H:.
?LINT:set d_time
: see if time exists
echo " "
if set time val -f d_time; eval $csym; $val; then
echo 'time() found.' >&4
val="$define"
set time_t timetype long stdio.h sys/types.h
eval $typedef
dflt="$timetype"
echo " "
rp="What type is returned by time() on this system?"
. ./myread

```

```
timetype="$sans"
else
echo 'time() not found, hope that will do.' >&4
val="$undef"
timetype='int';
fi
set d_time
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_time.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fchmod.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
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```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_fchmod.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:05:59 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_fchmod: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_fchmod:
```

```
?S: This variable conditionally defines the HAS_FCHMOD symbol, which
```

```
?S: indicates to the C program that the fchmod() routine is available
```

```
?S: to change mode of opened files.
```

```
?S:.
```

```
?C:HAS_FCHMOD (FCHMOD):
```

```
?C: This symbol, if defined, indicates that the fchmod routine is available
```

```
?C: to change mode of opened files. If unavailable, use chmod().
```

```
?C:.
```

```
?H:#$d_fchmod HAS_FCHMOD /**/
```

```
?H:.
```

```
?LINT:set d_fchmod
```

```
: see if fchmod exists
```

```
set fchmod d_fchmod
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/d\_fchmod.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: uidtype.U,v \$

?RCS: Revision 3.0.1.3 1994/08/29 16:33:25 ram

?RCS: patch32: now uses new Typedef unit to compute type information

?RCS:

?RCS: Revision 3.0.1.2 1994/06/20 07:09:36 ram

?RCS: patch30: comment for uidtype referred to the obsoleted symbol

?RCS:

?RCS: Revision 3.0.1.1 1994/05/13 15:28:27 ram

?RCS: patch27: made conform to its gidtype.U companion

?RCS: patch27: question now explicitly mentions getuid()

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:56 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:uidtype: Myread Typedef Findhdr

?MAKE: -pick add \$@ %<

?S:uidtype:

?S: This variable defines Uid\_t to be something like uid\_t, int,

?S: ushort, or whatever type is used to declare user ids in the kernel.

?S:.

?C:Uid\_t (UIDTYPE):

?C: This symbol holds the type used to declare user ids in the kernel.

?C: It can be int, ushort, uid\_t, etc... It may be necessary to include

?C: <sys/types.h> to get any typedef'ed information.

?C:.

?H:#define Uid\_t \$uidtype /\* UID type \*/

?H:.

?T:xxx

: see what type uids are declared as in the kernel

set uid\_t uidtype xxx stdio.h sys/types.h

eval \$typedef

case "\$uidtype" in

xxx)

xxx=`./findhdr sys/user.h`

set `grep '\_ruid;' "\$xxx" 2>/dev/null` unsigned short

```
case $1 in
unsigned) dflt="$1 $2" ;;
*) dflt="$1" ;;
esac
;;
*) dflt="$uidtype";;
esac
echo " "
rp="What is the type for user ids returned by getuid()?"
./myread
uidtype="$ans"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/uidtype.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i\_thread: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_thread:

?S: This variable conditionally defines the I\_PTHREAD symbol,

?S: and indicates whether a C program should include <pthread.h>.

?S:.

?C:I\_PTHREAD:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <pthread.h>.

?C:.

?H:#\$i\_thread I\_PTHREAD /\*\*/

?H:.

?LINT:set i\_thread

: see if POSIX threads are available

set pthread.h i\_thread

eval \$inhdr

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/i_thread.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Head.U,v \$

?RCS: Revision 3.0.1.9 1997/02/28 15:02:09 ram

?RCS: patch61: make sure we unset CDPATH for shells that support this

?RCS: patch61: improved Korn shell detection and handling

?RCS:

?RCS: Revision 3.0.1.8 1995/07/25 13:40:02 ram

?RCS: patch56: added SVR4-ish /opt directories to path list (ADO)

?RCS: patch56: OS/2 platforms are using another path separator

?RCS:

?RCS: Revision 3.0.1.7 1995/03/21 08:46:15 ram

?RCS: patch52: definition of paths wrongly added spurious ':' chars

?RCS:

?RCS: Revision 3.0.1.6 1994/10/29 15:54:19 ram

?RCS: patch36: make sure ENV is unset before calling /bin/ksh

?RCS:

?RCS: Revision 3.0.1.5 1994/08/29 16:03:44 ram

?RCS: patch32: now sets PATH only using existing directories

?RCS:

?RCS: Revision 3.0.1.4 1994/06/20 06:54:28 ram

?RCS: patch30: now computes its invocation name into 'me'

?RCS: patch30: symbol me is made visible to all units read-only

?RCS:

?RCS: Revision 3.0.1.3 1993/12/15 08:15:07 ram

?RCS: patch15: added /sbin:/usr/sbin:/usr/libexec in PATH for BSD/386

?RCS:

?RCS: Revision 3.0.1.2 1993/11/10 17:32:35 ram

?RCS: patch14: ensure PATH is reset to '.' before testing for alias

?RCS:

?RCS: Revision 3.0.1.1 1993/08/27 14:38:07 ram

?RCS: patch7: not all 'test' programs support the -x option

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:58 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This is the very first unit in the Configure script. It is mostly just

```

?X: things to keep people from getting into a tizzy right off the bat.
?X:
?MAKE:Head:
?MAKE: -pick wipe $@ %<
?V:PATH p_ _exe me newsh
?T:argv Id p paths OS2_SHELL DJGPP
?T:inksh needksh avoidksh newsh changesh reason
?F:!*
?LINT:extern ENV CDPATH SHELL MACHTYPE
?LINT:change ENV CDPATH
?LINT:nocomment
#!/bin/sh
#
# If these # comments don't work, trim them. Don't worry about any other
# shell scripts, Configure will trim # comments from them for you.
#
# (If you are trying to port this package to a machine without sh,
# I would suggest you have a look at the prototypical config_h.SH file
# and edit it to reflect your system. Some packages may include samples
# of config.h for certain machines, so you might look for one of those.)
#
?X:
?X: NOTE THAT A CONFIGURE SCRIPT IS IN THE PUBLIC DOMAIN (whether or not
?X: the software which uses it is in the public domain).
?X:
# Yes, you may rip this off to use in other distribution packages. This
# script belongs to the public domain and cannot be copyrighted.
#
?X:
?X: WE ASK YOU NOT TO REMOVE OR ALTER THE FOLLOWING PARAGRAPH, PLEASE:
?X:
# Note: this Configure script was generated automatically. Rather than
# working with this copy of Configure, you may wish to get metaconfig.
# The dist package (which contains metaconfig) is available via SVN:
#   svn co https://svn.code.sf.net/p/dist/code/trunk/dist
?X:
?X: NOTA BENE:
?X: If you develop you own version of metaconfig based on this work,
?X: you have to add some comments telling that the script was generated
?X: by your version, not mine: It credits your work.
?X:

# $Id: Head.U 6 2006-08-25 22:21:46Z rmanfredi $
#
# Generated on <DATE> [metaconfig <VERSION> PL<PATCHLEVEL>]

cat >c1$$ <<EOF
ARGGGHHHH!!!!

```

SCO csh still thinks true is false. Write to SCO today and tell them that next year Configure ought to "rm /bin/csh" unless they fix their blasted shell. :-)

(Actually, Configure ought to just patch csh in place. Hmm. Hmmmmm. All we'd have to do is go in and swap the && and || tokens, wherever they are.)

[End of diatribe. We now return you to your regularly scheduled programming...]

EOF

```
cat >c2$$ <<EOF
```

OOPS! You naughty creature! You didn't run Configure with sh!

I will attempt to remedy the situation by running sh for you...

EOF

```
true || cat c1$$ c2$$
```

```
true || exec sh $0 $argv:q
```

```
(exit $?0) || cat c2$$
```

```
(exit $?0) || exec sh $0 $argv:q
```

```
rm -f c1$$ c2$$
```

```
: compute my invocation name
```

```
me=$0
```

```
case "$0" in
```

```
*/*)
```

```
me=`echo $0 | sed -e 's!.*\!(.*)!\1!' 2>/dev/null`
```

```
test "$me" || me=$0
```

```
::
```

```
esac
```

```
?X:
```

```
?X: To be able to run under OS/2, we must detect that early enough to use
```

```
?X: the proper path separator, stored in $p_. It is : on UNIX and ; on
```

```
?X: DOSish systems such as OS/2.
```

```
?X:
```

```
: Proper separator for the PATH environment variable
```

```
p_=:
```

```
: On OS/2 this directory should exist if this is not floppy only system ":-]"
```

```
if test -d c:/ ; then
```

```
if test -n "$OS2_SHELL"; then
```

```
  p_=\;
```

```
  PATH=`cmd /c "echo %PATH%" | tr "\\\\" /`
```

```
?X: That's a bug in ksh5.22
```

```
  OS2_SHELL=`cmd /c "echo %OS2_SHELL%" | tr "\\\\" / | tr '[A-Z]' '[a-z]`
```

```
elif test -n "$DJGPP"; then
```

```
  case "X${MACHTYPE:-nonosuchmach}" in
```

```
  *cygwin) ;;
```



```

*) p_=\; ;;
esac
fi
fi

```

?X:

?X: There are two schools of thoughts here. Some people correctly argue that  
?X: the user has a better chance than we do of setting a reasonable PATH and  
?X: others argue that Configure is the best place there is to set up a suitable  
?X: PATH. Well, here we try to compromise by keeping the user's PATH and  
?X: appending some directories which are known to work on some machine or the  
?X: other. The rationale behind this being that a novice user might not have a  
?X: proper environment variable set, and some directories like /etc (where  
?X: chown is located on some BSD systems) may be missing--RAM.

?X:

?X: SVR4 adds an /opt directory for optional packages. Some sites use  
?X: various permutations on /opt as opposed to /usr or /usr/local.-- ADO

?X:

?X: We only add directories that are not already in the PATH of the  
?X: user and the directories must exist also.

?X:

: Proper PATH setting

```

paths="/bin /usr/bin /usr/local/bin /usr/ucb /usr/local /usr/sbin"
paths="$paths /opt/bin /opt/local/bin /opt/local /opt/sbin"
paths="$paths /usr5/bin /etc /usr/gnu/bin /usr/new /usr/new/bin /usr/nbin"
paths="$paths /opt/gnu/bin /opt/new /opt/new/bin /opt/nbin"
paths="$paths /sys5.3/bin /sys5.3/usr/bin /bsd4.3/bin /bsd4.3/usr/ucb"
paths="$paths /bsd4.3/usr/bin /usr/bsd /bsd43/bin /usr/ccs/bin"
paths="$paths /etc /usr/lib /usr/ucblib /lib /usr/ccs/lib"
paths="$paths /sbin /usr/sbin /usr/libexec"
paths="$paths /system/gnu_library/bin"

```

```

for p in $paths

```

```

do

```

```

  case "$p_${PATH}$p_" in

```

```

    *$p_-$p-$p_*) ;;

```

```

    *) test -d $p && PATH=${PATH}$p_-$p ;;

```

```

  esac

```

```

done

```

```

PATH=.$p_${PATH}

```

```

export PATH

```

: shall we be using ksh?

```

inksh=""

```

```

needksh=""

```

```

avoidksh=""

```

```

newsh=/bin/ksh

```

```

changesh=""
?X: Use (alias -x) and not (alias) since zsh and bash recognize the alias
?X: builtin but not the -x option which is typically ksh...
?X: We need to set up PATH before calling the "alias" built-in since some
?X: systems like HP-UX have a binary called /bin/alias.
if (PATH=.; alias -x) >/dev/null 2>&1; then
    inksh=true
fi
?X: On HP-UX, large Configure scripts may exercise a bug in /bin/sh, use ksh
if test -f /hp-ux -a -f /bin/ksh; then
    needksh='to avoid sh bug in "here document" expansion'
fi
?X: On AIX4, /bin/sh is really ksh and it causes problems, use sh
if test -d /usr/lpp -a -f /usr/bin/bsh -a -f /usr/bin/uname; then
    if test X`/usr/bin/uname -v` = X4; then
        avoidksh="to avoid AIX 4's /bin/sh"
        newsh=/usr/bin/bsh
    fi
fi
?X: On Digital UNIX, /bin/sh may start up buggy /bin/ksh, use sh
if test -f /osf_boot -a -f /usr/sbin/setld; then
    if test X`/usr/bin/uname -s` = XOSF1; then
        avoidksh="to avoid Digital UNIX' ksh"
        newsh=/bin/sh
    fi
?X: if BIN_SH is set to 'xpg4', sh will start up ksh
    unset BIN_SH
fi
fi
?X: If we are not in ksh and need it, then feed us back to it
case "$inksh/$needksh" in
/[a-z]*)
?X: Clear ENV to avoid any ~/.kshrc that could alias cd or whatever...
?X: Don't use "unset ENV", that is not portable enough
    ENV=""
    changesh=true
    reason="$needksh"
    ;;
esac
?X: If we are in ksh and must avoid it, then feed us back to a new shell
case "$inksh/$avoidksh" in
true/[a-z]*)
    changesh=true
    reason="$avoidksh"
    ;;
esac
?X: Warn them if they use ksh on other systems, which are those where
?X: we don't need ksh nor want to avoid it explicitly, yet are using it.
case "$inksh/$needksh-$avoidksh-" in

```

```

true/--)
  cat <<EOM
(I see you are using the Korn shell. Some ksh's blow up on $me,
mainly on older exotic systems. If yours does, try the Bourne shell instead.)
EOM
;;
esac
case "$chngesh" in
true)
  export newsh
  echo "(Feeding myself to $newsh $reason.)"
?X: Make sure they didn't say sh <Configure by checking whether $0 ends
?X: with Configure or not. If they did say sh <../Configure, then too
?X: bad for them anyway, since we lost that path indication...
?X: Otherwise, execing $0 ensures we keep the full remote source dir
?X: indication for src.U.
  case "$0" in
  Configure|*/Configure) exec $newsh $0 "$@";;
  *) exec $newsh Configure "$@";;
  esac
;;
esac

```

?X: Unset CDPATH to avoid surprises when using cd under some shells  
?X: Can't unset it because that's not portable to very old shells.  
?X: Can't set it to " because then bash 2.02 won't do "cd UU" --AD 6/98.  
?X: Don't want to set it to '.' because then ksh prints out the  
?X: name of the directory every time you cd to it. --AD 6/98  
?X: In order to inflict the least harm, change it only if it's set.  
: if needed, set CDPATH to a harmless value that is not chatty

```

case "$CDPATH" in
") ;;
*) case "$SHELL" in
*bash*) CDPATH='.' ;;
*) CDPATH="" ;;
  esac
;;
esac

```

: Configure runs within the UU subdirectory  
test -d UU || mkdir UU  
?X: Use ./ to avoid any confirmation prompts from enhanced shells -- WED  
cd UU && rm -f ./

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Head.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: orderlib.U,v 3.0.1.4 1997/02/28 16:18:18 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: orderlib.U,v $
?RCS: Revision 3.0.1.4 1997/02/28 16:18:18 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS: patch61: now uses the ar located by Loc.U
?RCS:
?RCS: Revision 3.0.1.3 1995/01/11 15:33:04 ram
?RCS: patch45: allows hint files to specify their own value for 'ranlib'
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:26:48 ram
?RCS: patch36: now performs a real small compile for accurate checks (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:31:17 ram
?RCS: patch32: use cc variable instead of hardwired 'cc' in 1st compile
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:26 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:orderlib ranlib: Loc ar cat test rm +cc +ccflags +ldflags +libs i_stdlib _a _o run
?MAKE: -pick add $@ %<
?S:orderlib:
?S: This variable is "true" if the components of libraries must be ordered
?S: (with `lorder $* | tsort`) before placing them in an archive. Set to
?S: "false" if ranlib or ar can generate random libraries.
?S:.
?S:ranlib:
?S: This variable is set to the pathname of the ranlib program, if it is
?S: needed to generate random libraries. Set to ":" if ar can generate
?S: random libraries or if random libraries are not supported
?S:.
?F:!foobar
: see if ar generates random libraries by itself
echo " "
echo "Checking how to generate random libraries on your machine..." >&4
?X: Some systems (like MIPS) complain when running ar... Others like Ultrix
?X: need an explicit 'ar ts' to add the table of contents.
```

?X: Still others like Linux run ar ts successfully, but still need ranlib.  
?X: This set of tests seems the minimum necessary to check out Linux.  
?X: We need to explicitly put the entries in out-of-order so that Sun's ld  
?X: will fail. (Otherwise it complains, but gives an exit status of 0.)

```

echo 'int bar1() { return bar2(); }' > bar1.c
echo 'int bar2() { return 2; }' > bar2.c
$cat > foo.c <<EOP
#i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main() { printf("%d\n", bar1()); exit(0); }
EOP
$cc $ccflags -c bar1.c >/dev/null 2>&1
$cc $ccflags -c bar2.c >/dev/null 2>&1
$cc $ccflags -c foo.c >/dev/null 2>&1
$ar rc bar$_a bar2$_o bar1$_o >/dev/null 2>&1
if $cc -o foobar $ccflags $ldflags foo$_o bar$_a $libs >/dev/null 2>&1 &&
$run ./foobar >/dev/null 2>&1; then
echo "$ar appears to generate random libraries itself."
orderlib=false
if [ "X$ranlib" = "X" ]; then
    ranlib=":"
fi
elif $ar s bar$_a >/dev/null 2>&1 &&
$cc -o foobar $ccflags $ldflags foo$_o bar$_a $libs >/dev/null 2>&1 &&
$run ./foobar >/dev/null 2>&1; then
echo "a table of contents needs to be added with '$ar s'."
orderlib=false
ranlib="$ar s"
elif $ar ts bar$_a >/dev/null 2>&1 &&
$cc -o foobar $ccflags $ldflags foo$_o bar$_a $libs >/dev/null 2>&1 &&
$run ./foobar >/dev/null 2>&1; then
echo "a table of contents needs to be added with '$ar ts'."
orderlib=false
ranlib="$ar ts"
else
?X: Allow hints to specify their own ranlib "script". For instance, on
?X: some NeXT machines, the timestamp put by ranlib is not correct, and this
?X: may raise tedious recompiles for nothing. Therefore, NeXT may add the
?X: ranlib='sleep 5; /bin/ranlib' line in their hints to "fix" that.
?X: (reported by Andreas Koenig <k@franz.ww.tu-berlin.de>)
case "$ranlib" in
:) ranlib="";
")
ranlib=`./loc ranlib X /usr/bin /bin /usr/local/bin`
$test -f $ranlib || ranlib="
;;

```

```

esac
if $test -n "$ranlib"; then
  echo "your system has '$ranlib'; we'll use that."
  orderlib=false
else
  echo "your system doesn't seem to support random libraries"
  echo "so we'll use lorder and tsort to order the libraries."
  orderlib=true
  ranlib=":"
fi
fi
$rm -f foo* bar*

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/orderlib.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_socks5\_init: Inlibc

?MAKE:-pick add \$@ %<

?S:d\_socks5\_init:

?S: This variable conditionally defines the HAS\_SOCKS5\_INIT symbol, which

?S: indicates to the C program that the socks5\_init() routine is available.

?S:.

?C:HAS\_SOCKS5\_INIT:

?C: This symbol, if defined, indicates that the socks5\_init routine is

?C: available to initialize SOCKS 5.

?C:.

?H:#\$d\_socks5\_init HAS\_SOCKS5\_INIT /\*\*/

?H:.

?LINT:set d\_socks5\_init

: see if socks5\_init exists

set socks5\_init d\_socks5\_init

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_socks5_init.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

```

?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_modfl d_modflproto: Inlibc Compile Hasproto cat \
test ccflags uselongdouble \
d_sqrtl d_aintl d_copysignl d_ilogbl d_scalbnl d_frexp d_ldexpl \
d_truncl
?MAKE: -pick add $@ %<
?S:d_modfl:
?S: This variable conditionally defines the HAS_MODFL symbol, which
?S: indicates to the C program that the modfl() routine is available.
?S:.
?S:d_modflproto:
?S: This symbol, if defined, indicates that the system provides
?S: a prototype for the modfl() function. Otherwise, it is up
?S: to the program to supply one. C99 says it should be
?S: long double modfl(long double, long double *);
?S:.
?C:HAS_MODFL:
?C: This symbol, if defined, indicates that the modfl routine is
?C: available to split a long double x into a fractional part f and
?C: an integer part i such that |f| < 1.0 and (f + i) = x.
?C:.
?C:HAS_MODFL_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the modfl() function. Otherwise, it is up
?C: to the program to supply one.
?C:.
?H:#$d_modfl HAS_MODFL /**/
?H:#$d_modflproto HAS_MODFL_PROTO /**/
?H:.
?T:message
?LINT:set d_modfl
?LINT:set d_modflproto
?LINT:change ccflags
: see if modfl exists
set modfl d_modfl
eval $inlibc

: see if prototype for modfl is available
echo " "
set d_modflproto modfl define math.h
eval $hasproto

if $test "$uselongdouble" = "$define"; then

```

```

message=""
if $test "$d_sqrtl" != "$define"; then
message="$message sqrtl"
fi
if $test "$d_modfl" != "$define"; then
if $test "$d_trunc:$d_copysignl" = "$define:$define"; then
echo "You have both trunc and copysignl, so I can emulate modfl."
else
if $test "$d_aint:$d_copysignl" = "$define:$define"; then
echo "You have both aintl and copysignl, so I can emulate modfl."
else
message="$message modfl"
fi
fi
fi
if $test "$d_frexp" != "$define"; then
if $test "$d_ilogbl:$d_scalbnl" = "$define:$define"; then
echo "You have both ilogbl and scalbnl, so I can emulate frexp."
else
message="$message frexp"
fi
fi
fi
if $test "$d_ldexpl" != "$define"; then
message="$message ldexpl"
fi

if $test "$message" != ""; then
$cat <<EOM >&4

```

```

*** You requested the use of long doubles but you do not seem to have
*** the following mathematical functions needed for long double support:
*** $message
*** Please rerun Configure without -Duselongdouble and/or -Dusemorebits.
*** Cannot continue, aborting.

```

EOM

```

exit 1
fi
fi

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_modfl.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_libutil.U,v \$

?RCS:



?RCS: Copyright (c) 2000 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:i\_libutil: Inhdr Hasfield  
?MAKE: -pick add \$@ %<  
?S:i\_libutil:  
?S: This variable conditionally defines the I\_LIBUTIL symbol, and indicates  
?S: whether a C program should include <libutil.h>.  
?S:.  
?C:I\_LIBUTIL:  
?C: This symbol, if defined, indicates that <libutil.h> exists and  
?C: should be included.  
?C:.  
?H:#\$i\_libutil I\_LIBUTIL /\*\*/  
?H:.  
?LINT:set i\_libutil  
: see if this is a libutil.h system  
set libutil.h i\_libutil  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_libutil.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_j0 d\_j0l: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_j0:  
?S: This variable conditionally defines the HAS\_J0 symbol, which  
?S: indicates to the C program that the j0() routine is available.  
?S:.  
?S:d\_j0l:  
?S: This variable conditionally defines the HAS\_J0L symbol, which  
?S: indicates to the C program that the j0l() routine is available.  
?S:.  
?C:HAS\_J0:  
?C: This symbol, if defined, indicates to the C program that the  
?C: j0() function is available for Bessel functions of the first  
?C: kind of the order zero, for doubles.  
?C:.  
?C:HAS\_J0L:  
?C: This symbol, if defined, indicates to the C program that the  
?C: j0l() function is available for Bessel functions of the first

?C: kind of the order zero, for long doubles.

?C:.

?H:#\$d\_j0 HAS\_J0 /\*\*/

?H:#\$d\_j0l HAS\_J0L /\*\*/

?H:.

?LINT:set d\_j0

?LINT:set d\_j0l

: see if j0 exists

set j0 d\_j0

eval \$inlibc

: see if j0l exists

set j0l d\_j0l

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_j0.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_getspnam: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getspnam:

?S: This variable conditionally defines HAS\_GETSPNAM if getspnam() is

?S: available to retrieve SysV shadow password entries by name.

?S:.

?C:HAS\_GETSPNAM:

?C: This symbol, if defined, indicates that the getspnam system call is

?C: available to retrieve SysV shadow password entries by name.

?C:.

?H:#\$d\_getspnam HAS\_GETSPNAM /\*\*/

?H:.

?LINT:set d\_getspnam

: see if getspnam exists

set getspnam d\_getspnam

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getspnam.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getpgrp2.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_getpgrp2.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:15 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_getpgrp2: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getpgrp2:

?S: This variable conditionally defines the HAS\_GETPGRP2 symbol, which

?S: indicates to the C program that the getpgrp2() (as in DG/UX) routine

?S: is available to get the current process group.

?S:.

?C:HAS\_GETPGRP2 (GETPGRP2):

?C: This symbol, if defined, indicates that the getpgrp2() (as in DG/UX)

?C: routine is available to get the current process group.

?C:.

?H:#\$d\_getpgrp2 HAS\_GETPGRP2 /\*\*/

?H:.

?LINT:set d\_getpgrp2

: see if getpgrp2 exists

set getpgrp2 d\_getpgrp2

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_getpgrp2.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_newlocale d\_freelocale d\_uselocale d\_duplocale d\_querylocale i\_xlocale: Inlibc Inhdr

?MAKE: -pick add \$@ %<

?S:d\_newlocale:

?S: This variable conditionally defines the HAS\_NEWLOCALE symbol, which

?S: indicates to the C program that the newlocale() routine is available

?S: to return a new locale object or modify an existing locale object.

?S:.

?S:d\_freelocale:

?S: This variable conditionally defines the HAS\_FREELOCALE symbol, which

?S: indicates to the C program that the freelocale() routine is available

?S: to deallocate the resources associated with a locale object.

?S:.

?S:d\_uselocale:

?S: This variable conditionally defines the HAS\_USELOCALE symbol, which

?S: indicates to the C program that the uselocale() routine is available

?S: to set the current locale for the calling thread.

?S:.

?S:d\_duplocale:

?S: This variable conditionally defines the HAS\_DUPLOCALE symbol, which

?S: indicates to the C program that the duplocale() routine is available

?S: to duplicate a locale object.

?S:.

?S:d\_querylocale:

?S: This variable conditionally defines the HAS\_QUERYLOCALE symbol, which

?S: indicates to the C program that the querylocale() routine is available

?S: to return the name of the locale for a category mask.

?S:.

?S:i\_xlocale:

?S: This symbol, if defined, indicates to the C program that it should

?S: include <xlocale.h> to get uselocale() and its friends

?S:.

?C:HAS\_NEWLOCALE:

?C: This symbol, if defined, indicates that the newlocale routine is

?C: available to return a new locale object or modify an existing

?C: locale object.

?C:.

?C:HAS\_FREELOCALE:

?C: This symbol, if defined, indicates that the freelocale routine is

?C: available to deallocate the resources associated with a locale object.

?C:.

?C:HAS\_USELOCALE:

?C: This symbol, if defined, indicates that the uselocale routine is

?C: available to set the current locale for the calling thread.

?C:.

?C:HAS\_DUPLOCALE:

?C: This symbol, if defined, indicates that the duplocale routine is

?C: available to duplicate a locale object.

?C:.

?C:HAS\_QUERYLOCALE:

?C: This symbol, if defined, indicates that the querylocale routine is

?C: available to return the name of the locale for a category mask.

?C:.

?C:I\_XLOCALE:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <xlocale.h> to get uselocale() and its friends.

?C:.

?H:#\$d\_newlocale HAS\_NEWLOCALE /\*\*/

?H:#\$d\_freelocale HAS\_FREELOCALE /\*\*/

?H:#\$d\_uselocale HAS\_USELOCALE /\*\*/

?H:#\$d\_duplocale HAS\_DUPLOCALE /\*\*/

?H:#\$d\_querylocale HAS\_QUERYLOCALE /\*\*/

?H:#\$i\_xlocale I\_XLOCALE /\*\*/

?H:.

?LINT:set i\_xlocale

?LINT:set d\_newlocale

?LINT:set d\_freelocale

?LINT:set d\_uselocale

?LINT:set d\_duplocale

?LINT:set d\_querylocale

: see if this is an xlocale.h system

set xlocale.h i\_xlocale

eval \$inhdr

: see if newlocale exists

set newlocale d\_newlocale

eval \$inlibc

: see if freelocale exists

set freelocale d\_freelocale

eval \$inlibc

: see if uselocale exists

set uselocale d\_uselocale

eval \$inlibc

: see if duplocale exists

set duplocale d\_duplocale

eval \$inlibc

: see if querylocale exists

set querylocale d\_querylocale

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_newlocale.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: libc.U,v \$  
?RCS: Revision 3.0.1.10 1997/02/28 15:56:48 ram  
?RCS: patch61: replaced .a with \$\_a all over the place  
?RCS: patch61: added support for HPUX-10 nm output  
?RCS:  
?RCS: Revision 3.0.1.9 1995/07/25 14:11:56 ram  
?RCS: patch56: now knows about OS/2 platforms  
?RCS:  
?RCS: Revision 3.0.1.8 1995/05/12 12:20:47 ram  
?RCS: patch54: made sure only most recent version of shared lib is picked  
?RCS: patch54: final "nm -p" check now uses xscan and xrun like everybody  
?RCS: patch54: can now grok linux nm output with lead \_\_IO (ADO)  
?RCS: patch54: added support for linux ELF output, using 'W' for alias (ADO)  
?RCS:  
?RCS: Revision 3.0.1.7 1994/10/29 16:23:40 ram  
?RCS: patch36: now looks for shared libraries before anything else (ADO)  
?RCS: patch36: added new nm output format (ADO)  
?RCS:  
?RCS: Revision 3.0.1.6 1994/08/29 16:28:10 ram  
?RCS: patch32: added I-type symbols for nm output parsing on Linux  
?RCS:  
?RCS: Revision 3.0.1.5 1994/06/20 07:03:24 ram  
?RCS: patch30: checks are now presented by succession of if/elif  
?RCS: patch30: uniformized checks for shared objects with new so symbol  
?RCS:  
?RCS: Revision 3.0.1.4 1994/05/06 15:06:33 ram  
?RCS: patch23: added shared library knowledge (ADO and WED)  
?RCS:  
?RCS: Revision 3.0.1.3 1994/01/24 14:12:17 ram  
?RCS: patch16: can now export nm\_extract as an internal-use only variable  
?RCS:  
?RCS: Revision 3.0.1.2 1993/09/13 16:09:03 ram  
?RCS: patch10: added special handling for Apollo systems (WAD)  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/27 14:40:03 ram  
?RCS: patch7: added entry for /usr/shlib/libc.so (OSF/1 machines)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:08:57 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:

```

?MAKE:libc libnames +nm_extract: echo n c rm test grep Getfile Myread \
Oldconfig Loc sed libs incpath libpth ar runnm nm nm_opt nm_so_opt \
contains xlibpth so osname trnl tr sort uniq _o _a
?MAKE: -pick add $@ %<
?S:libc:
?S: This variable contains the location of the C library.
?S:.
?S:libnames:
?S: The constructed list of library names. Normally empty, but hint files
?S: may set this for later perusal by Configure.
?S:.
?S:nm_extract:
?S: This variable holds the name of the extraction command used to process
?S: the output of nm and yield the list of defined symbols. It is used
?S: internally by Configure.
?S:.
?T:thislib try libnames xxx xscan xrun thisname com tans file
?F:!libnames !libc.tmp !tmp.imp
?LINT:change nm_opt runnm
?INIT:libnames=""
: Figure out where the libc is located
case "$runnm" in
true)
?X: indentation is wrong on purpose--RAM
: get list of predefined functions in a handy place
echo " "
case "$libc" in
") libc=unknown
case "$libs" in
*-lc_s*) libc=`./loc libc_s$a $libc $libpth`
esac
;;
esac
case "$libs" in
") ;;
*) for thislib in $libs; do
case "$thislib" in
-lc|-lc_s)
: Handle C library specially below.
;;
-l*)
thislib=`echo $thislib | $sed -e 's/^-l//`
if try=`./loc lib$thislib.$so.*' X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib.$so X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib$a X $libpth`; $test -f "$try"; then
:

```

```

elif try=`./loc $thislib$_a X $libpth`; $test -f "$stry"; then
:
elif try=`./loc lib$thislib X $libpth`; $test -f "$stry"; then
:
elif try=`./loc $thislib X $libpth`; $test -f "$stry"; then
:
elif try=`./loc $lib$thislib$_a X $xlibpth`; $test -f "$stry"; then
:
else
  try="
fi
libnames="$libnames $stry"
;;
*) libnames="$libnames $thislib" ;;
esac
done
;;
esac

```

?X:

?X: Some systems (e.g. DG/UX) use "environmental" links, which make the test

?X: -f fail. Ditto for symbolic links. So in order to reliably check the

?X: existence of a file, we use test -r. It will still fail with DG/UX links

?X: though, but at least it will detect symbolic links. At some strategic

?X: points, we make use of (test -h), using a sub-shell in case builtin test

?X: does not implement the -h check for symbolic links. This makes it

?X: possible to preset libc in a hint file for instance and have it show up

?X: as-is in the question.

?X:

xxx=normal

case "\$libc" in

unknown)

?X:

?X: The sed below transforms .so.9 .so.12 into something like .so.0009 .so.0012,

?X: then sorts on it to allow keeping .so.12 instead of .so.9 as the latest

?X: up-to-date library. The initial filename (before sed munging, saved in hold

?X: space via 'h') is appended via 'G' before sorting, then the leading munged

?X: part is removed after sorting. Nice efficient work from Tye McQueen.

?X: The initial blurfl is here to prevent the trailing pipe from producing an

?X: empty string, causing Configure to output all its set variables!

?X:

```
set /lib/libc.$so
```

```
for xxx in $libpth; do
```

```
  $test -r $1 || set $xxx/libc.$so
```

```
  : The messy sed command sorts on library version numbers.
```

```
  $test -r $1 || \
```

```
  set `echo blurfl; echo $xxx/libc.$so.[0-9]* | \
```

```
  tr ' ' `strnl | egrep -v \.[A-Za-z]*$` | $sed -e `
```

```
  h
```



```

s/[0-9][0-9]*0000&/g
s/0*\([0-9][0-9][0-9][0-9]\)^1/g
G
s^n/'|\ \
$sort | $sed -e 's/^\.* //'^
eval set \$$#
done
$test -r $1 || set /usr/ccs/lib/libc.$so
$test -r $1 || set /lib/libsys_s$_a
;;
*)
?X: ensure the test below for the (shared) C library will fail
set blurfl
;;
esac
if $test -r "$1"; then
echo "Your (shared) C library seems to be in $1."
libc="$1"
elif $test -r /lib/libc && $test -r /lib/clib; then
?X:
?X: Apollo has its C library in /lib/clib AND /lib/libc
?X: not to mention its math library in /lib/syslib...
?X:
echo "Your C library seems to be in both /lib/clib and /lib/libc."
xxx=apollo
libc='/lib/clib /lib/libc'
if $test -r /lib/syslib; then
echo "(Your math library is in /lib/syslib.)"
?X: Put syslib in libc -- not quite right, but won't hurt
libc="$libc /lib/syslib"
fi
elif $test -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
echo "Your C library seems to be in $libc, as you said before."
?X: For mips, and...
elif $test -r $incpath/usr/lib/libc$_a; then
libc=$incpath/usr/lib/libc$_a;
echo "Your C library seems to be in $libc. That's fine."
elif $test -r /lib/libc$_a; then
libc=/lib/libc$_a;
echo "Your C library seems to be in $libc. You're normal."
else
if tans=`./loc libc$_a blurfl/dyick $libpth`; $test -r "$stans"; then
:
elif tans=`./loc libc blurfl/dyick $libpth`; $test -r "$stans"; then
libnames="$libnames "`./loc clib blurfl/dyick $libpth`
elif tans=`./loc clib blurfl/dyick $libpth`; $test -r "$stans"; then
:
elif tans=`./loc Slibc$_a blurfl/dyick $xlibpth`; $test -r "$stans"; then

```

```

:
elif tans=`./loc Mlibc$_a blurfl/dyick $xlibpth`; $test -r "$tans"; then
:
else
tans=`./loc Llibc$_a blurfl/dyick $xlibpth`
fi
if $test -r "$tans"; then
echo "Your C library seems to be in $tans, of all places."
libc=$tans
else
libc='blurfl'
fi
fi
if $test $xxx = apollo -o -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
dflt="$libc"
cat <<EOM

```

If the guess above is wrong (which it might be if you're using a strange compiler, or your machine supports multiple models), you can override it here.

```

EOM
else
dflt="
echo $libpth | $tr ' ' $trnl | $sort | $uniq > libpath
cat >&4 <<EOM

```

I can't seem to find your C library. I've looked in the following places:

```

EOM
$sed 's/^/ /' libpath
cat <<EOM

```

None of these seems to contain your C library. I need to get its name...

```

EOM
fi
fn=f
rp='Where is your C library?'
./getfile
libc="$ans"

echo " "
echo $libc $libnames | $tr ' ' $trnl | $sort | $uniq > libnames
set X `cat libnames`
shift
xxx=files
case $# in 1) xxx=file; esac
echo "Extracting names from the following $xxx for later perusal:" >&4
echo " "

```

```
$sed 's/^/' libnames >&4
echo " "
$echo $n "This may take a while...$c" >&4
```

?X:

?X: Linux may need the special Dynamic option to nm for shared libraries.

?X: In general, this is stored in the nm\_so\_opt variable.

?X: Unfortunately, that option may be fatal on non-shared libraries.

?X:

```
for file in $*; do
case $file in
*$so*) $nm $nm_so_opt $nm_opt $file 2>/dev/null;;
*) $nm $nm_opt $file 2>/dev/null;;
esac
done >libc.tmp
```

```
$echo $n ".$c"
```

?X:

?X: To accelerate processing, we look at the correct 'sed' command

?X: by using a small subset of libc.tmp, i.e. fprintf function.

?X: When we know which sed command to use, do the name extraction

?X:

```
$grep fprintf libc.tmp > libc.ptf
```

?X:

?X: In order to enhance readability and save some space, we define

?X: some variables that will be "eval"ed.

?X:

```
xscan='eval "<libc.ptf $com >libc.list"; $echo $n ".$c" >&4'
```

```
xrun='eval "<libc.tmp $com >libc.list"; echo "done." >&4'
```

?X: BSD-like output, I and W types added for Linux

?X: Some versions of Linux include a leading \_\_IO in the symbol name.

?X: HPUX10 reportedly has trailing spaces, though I'm surprised it has

?X: BSD-like output. (AD).

```
xxx=[ADTSIW]
```

```
if com="$sed -n -e 's/ __IO//' -e 's/^. * $xxx *[_.]*/p' -e 's/^. * $xxx */p";\
```

```
eval $xscan;\
```

```
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
```

```
eval $xrun
```

?X: SYSV-like output

```
elif com="$sed -n -e 's/ ^ *//' -e 's/^\([a-zA-Z_0-9$]*\).*xtern.*\1/p";\
```

```
eval $xscan;\
```

```
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
```

```
eval $xrun
```

```
elif com="$sed -n -e '/|UNDEF/d' -e '/FUNC..GL/s/^. *|_*/p";\
```

```
eval $xscan;\
```

```
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
```

```
eval $xrun
```

```
elif com="$sed -n -e 's/^. * D _*/p' -e 's/^. * D //p";\
```

```

eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^_/' -e 's/^([a-zA-Z_0-9]*).*xtern.*text.*\1/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.*|FUNC |GLOB .*/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$grep '|' | $sed -n -e '/|COMMON/d' -e '/|DATA/d' \
  -e '/ file/d' -e 's/^([ ]*).*\1/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.*|FUNC |GLOB .*/p' -e 's/^.*|FUNC |WEAK .*/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
?X: mips nm output (sysV)
elif com="$sed -n -e 's/^_/' -e '/|Undef/d' -e '/|Proc/s/ .*/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.*|Proc .*[Text *]*/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e '/Def. Text/s/.* \([ ]*\)\$/\1/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
?X: OS/2 nm output
elif com="$sed -n -e 's/^[-0-9a-f ]*_\((.*)=.*\1/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/.*.text n\ \ \ \./p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
?X: AIX nm output
elif com="sed -n -e 's/^_.*// -e 's/[ ]*D[ ]*[0-9]*.*//p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
else

```

```

$nm -p $* 2>/dev/null >libc.tmp
$grep fprintf libc.tmp > libc.ptf
if com="$sed -n -e 's/^. * [ADTSIW] *_[_.]*/p' -e 's/^. * [ADTSIW] //p';\
eval $xscan; $contains '^fprintf$' libc.list >/dev/null 2>&1
then
nm_opt='-p'
eval $xrun
else
echo " "
echo "$nm didn't seem to work right. Trying $ar instead..." >&4
com="
if $ar t $libc > libc.tmp && \
$contains '^fprintf$' libc.tmp >/dev/null 2>&1
then
for thisname in $libnames $libc; do
$ar t $thisname >>libc.tmp
done
$sed -e "s/\$_o\$//" < libc.tmp > libc.list
echo "Ok." >&4
elif test "X$osname" = "Xos2" && $ar tv $libc > libc.tmp; then
?X: Repeat libc to extract forwarders to DLL entries too
for thisname in $libnames $libc; do
$ar tv $thisname >>libc.tmp
?X: Revision 50 of EMX has bug in ar: it will not extract forwarders
?X: to DLL entries. Use emximp which will extract exactly them.
emximp -o tmp.imp $thisname \
2>/dev/null && \
$sed -e 's/\([_a-zA-Z0-9]*\) .*$/1/p' \
< tmp.imp >>libc.tmp
$rm -f tmp.imp
done
$sed -e "s/\$_o\$//" -e 's/^ \+/' < libc.tmp > libc.list
echo "Ok." >&4
else
echo "$ar didn't seem to work right." >&4
echo "Maybe this is a Cray...trying bld instead..." >&4
if
bld t $libc | \
$sed -e 's/.*/' -e "s/\$_o:.*'" > libc.list &&
$test -s libc.list
then
for thisname in $libnames; do
bld t $libnames | \
$sed -e 's/.*/' -e "s/\$_o:.*'" >>libc.list
$ar t $thisname >>libc.tmp
done
echo "Ok." >&4
else

```

```

echo "That didn't work either." >&4
echo "No problem, I'll be compiling test programs then..." >&4
runnm=false
fi
fi
fi
fi
nm_extract="$com"
if $test -f /lib/syscalls.exp; then
echo " "
echo "Also extracting names from /lib/syscalls.exp for good ole AIX..." >&4
$sed -n 's/^\([^ ]*\)[ ]*syscall[0-9]*[ ]*$/\1/p' \
/lib/syscalls.exp >>libc.list
fi
?X: remember, indentation is wrong on purpose--RAM
;;
esac
$rm -f libnames libpath

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libc.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_ndbm.U,v \$

?RCS: Revision 3.0.1.1 1995/05/12 12:16:53 ram

?RCS: patch54: made more robust by checking both header and lib (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:23 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_ndbm: Inhdr Inlibc Setvar

?MAKE: -pick add \$@ %<

?S:i\_ndbm (d\_ndbm):

?S: This variable conditionally defines the I\_NDBM symbol, which

?S: indicates to the C program that <ndbm.h> exists and should

?S: be included.

?S:.

```

?C:I_NDBM (HAS_NDBM NDBM):
?C: This symbol, if defined, indicates that <ndbm.h> exists and should
?C: be included.
?C:.
?H:#$i_ndbm I_NDBM /**/
?H:.
?T:t_ndbm d_dbm_open
?LINT:set i_ndbm
: see if ndbm.h is available
?X: t_ndbm is a tentative check. We might just have the .h, not the lib -- ADO
set ndbm.h t_ndbm
eval $inhdr
case "$t_ndbm" in
$define)
: see if dbm_open exists
set dbm_open d_dbm_open
eval $inlibc
case "$d_dbm_open" in
$undef)
t_ndbm="$undef"
echo "We won't be including <ndbm.h>"
;;
esac
;;
esac
val="$t_ndbm"
set i_ndbm
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/i_ndbm.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: html3dir.U,v $
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: html3dir.U,v $
?RCS:
?MAKE:html3dir html3direxp installhtml3dir: cat sed Loc Myread \
package test Getfile Setprefixvar Prefixit Prefixup html1dir

```

```

?MAKE: -pick add $@ %<
?Y:TOP
?D:html3dir="
?S:html3dir:
?S: This variable contains the name of the directory in which html
?S: source pages are to be put. This directory is for pages
?S: that describe libraries or modules. It is intended to
?S: correspond roughly to section 3 of the Unix manuals.
?S:.
?D:html3direxp="
?S:html3direxp:
?S: This variable is the same as the html3dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installhtml3dir="
?S:installhtml3dir:
?S: This variable is really the same as html3direxp, unless you are
?S: using a different installprefix. For extra portability, you
?S: should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set html3direxp
?LINT:set installhtml3dir
: determine where html pages for libraries and modules go
set html3dir html3dir none
eval $prefixit
$cat <<EOM

```

If you wish to install html files for modules associated with \$spackage, indicate the appropriate directory here. To skip installing html files, answer "none".

EOM

: There is no obvious default. If they have specified html1dir, then

: try to key off that, possibly changing ../html1 into ../html3.

case "\$html3dir" in

) html3dir=`echo "\$html1dir" | \$sed 's/1\$/3\$/'` ;;

\*) dflt=\$html3dir ;;

esac

fn=dn+~

rp="Directory for the \$spackage module html pages?"

./getfile

prefixvar=html3dir

./setprefixvar

: Use ' ' for none so value is preserved next time through Configure

\$test X"\$html3dir" = "X" && html3dir=' '

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-



5.30.0/U/installdirs/html3dir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: package.U,v \$

?RCS: Revision 3.0.1.3 1994/10/29 16:27:21 ram

?RCS: patch36: beware of non-ascii character sets when translating case

?RCS:

?RCS: Revision 3.0.1.2 1993/11/10 17:37:02 ram

?RCS: patch14: skip definition of spackage if not otherwise used

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 16:11:10 ram

?RCS: patch10: added package, suitable for starting sentences

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:28 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:package spackage: Nothing

?MAKE: -pick wipe \$@ %<

?S:package:

?S: This variable contains the name of the package being constructed.

?S: It is primarily intended for the use of later Configure units.

?S:.

?S:spackage:

?S: This variable contains the name of the package being constructed,

?S: with the first letter uppercased, i.e. suitable for starting

?S: sentences.

?S:.

?C:PACKAGE:

?C: This variable contains the name of the package being built.

?C:.

?H:#define PACKAGE "\$package"

?H:.

?T:first last

: set package name

package='<PACKAGENAME>'

@if spackage

first=`echo \$package | sed -e 's/^(.).\*\1/'`

last=`echo \$package | sed -e 's/^(.\*)\1/'`

?X:

?X: So early in the Configure script, we don't have ./tr set up and can't  
?X: include Tr in our dependency or that would create a cycle. Therefore,  
?X: we have to somehow duplicate the work done in Tr. That's life.

?X:

```
case "`echo AbyZ | tr '[:lower:]' '[:upper:]' 2>/dev/null`" in
ABYZ) spackage=`echo $first | tr '[:lower:]' '[:upper:]'`$last;;
*) spackage=`echo $first | tr '[a-z]' '[A-Z]'`$last;;
esac
@end
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/package.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2017, 2019, Karl Williamson

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i\_wctype: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_wctype:

?S: This variable conditionally defines the I\_WCTYPE symbol,  
?S: that indicates whether a C program may include <wctype.h>.

?S:.

?C:I\_WCTYPE:

?C: This symbol, if defined, indicates that <wctype.h> exists.

?C:.

?H:#\$i\_wctype I\_WCTYPE /\*\*/

?H:.

?LINT:set i\_wctype

: see if this system has wctype.h

set wctype.h i\_wctype

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_wctype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

```

?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_syscallproto: Hasproto i_unistd
?MAKE: -pick add $@ %<
?S:d_syscallproto:
?S: This variable conditionally defines the HAS_SYSCALL_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the syscall() function. Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_SYSCALL_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the syscall() function. Otherwise, it is up
?C: to the program to supply one. Good guesses are
?C: extern int syscall(int, ...);
?C: extern int syscall(long, ...);
?C:.
?H:#$d_syscallproto HAS_SYSCALL_PROTO /**/
?H:.
?LINT:set d_syscallproto
: see if prototype for syscall is available
echo " "
set d_syscallproto syscall $i_unistd unistd.h
eval $hasproto

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_syscallproto.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_chsize.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_chsize.U,v $

```

?RCS: Revision 3.0 1993/08/18 12:05:50 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_chsize: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_chsize:  
?S: This variable conditionally defines the CHSIZE symbol, which  
?S: indicates to the C program that the chsize() routine is available  
?S: to truncate files. You might need a -lx to get this routine.  
?S:.  
?C:HAS\_CHSIZE (CHSIZE):  
?C: This symbol, if defined, indicates that the chsize routine is available  
?C: to truncate files. You might need a -lx to get this routine.  
?C:.  
?H:#\$d\_chsize HAS\_CHSIZE /\*\*/  
?H:.  
?LINT:set d\_chsize  
: see if chsize exists  
set chsize d\_chsize  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_chsize.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: nis.U,v \$  
?RCS: Revision 3.0.1.3 1997/02/28 16:17:38 ram  
?RCS: patch61: ensure suitable defaults for hostcat and friends  
?RCS:  
?RCS: Revision 3.0.1.2 1995/03/21 08:48:34 ram  
?RCS: patch52: continued fix for NeXT NIS/NetInfo handling  
?RCS:  
?RCS: Revision 3.0.1.1 1995/02/15 14:16:23 ram  
?RCS: patch51: now correctly handles NeXT using NIS rather than NetInfo  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:24 ram  
?RCS: Baseline for dist 3.0 netwide release.

```

?RCS:
?MAKE:passcat groupcat hostcat: Myread Oldconfig test contains
?MAKE: -pick add $@ %<
?S:passcat:
?S: This variable contains a command that produces the text of the
?S: /etc/passwd file. This is normally "cat /etc/passwd", but can be
?S: "ypcat passwd" when NIS is used.
?S:.
?S:groupcat:
?S: This variable contains a command that produces the text of the
?S: /etc/group file. This is normally "cat /etc/group", but can be
?S: "ypcat group" when NIS is used.
?S:.
?S:hostcat:
?S: This variable contains a command that produces the text of the
?S: /etc/hosts file. This is normally "cat /etc/hosts", but can be
?S: "ypcat hosts" when NIS is used.
?S:.
: see if we have to deal with yellow pages, now NIS.
?X: NeXT gives us some fun here, as always, by having both NIS (former YP)
?X: and NetInfo. But since it has both, it's ok to put the test inside the if.
?X: Contributed by Thomas Neumann <tom@smart.bo.open.de>.
if $test -d /usr/etc/yp || $test -d /etc/yp || $test -d /usr/lib/yp; then
if $test -f /usr/etc/nibindd; then
echo " "
echo "I'm fairly confident you're on a NeXT."
@if passcat || groupcat
echo " "
rp='Do you get the passwd file via NetInfo?'
dflt=y
case "$passcat" in
nidump*) ;;
") ;;
*) dflt=n;;
esac
. ./myread
case "$ans" in
y*) passcat='nidump passwd .'
@if groupcat
echo "(Assuming /etc/group is also distributed.)"
groupcat='nidump group .'
@end
;;
*) echo "You told me, so don't blame me."
case "$passcat" in
nidump*) passcat="
@if groupcat
groupcat="";;

```

```

@end
    esac
@if groupcat
    echo "(Assuming /etc/group is handled the same way.)"
@end
    ;;
    esac
@end
@if hostcat
    echo " "
    rp='Do you get the hosts file via NetInfo?'
    dflt=y
    case "$hostcat" in
        nidump*) ;;
        *) dflt=n;;
    esac
    . ./myread
    case "$ans" in
        y*) hostcat='nidump hosts .';;
        *) case "$hostcat" in
            nidump*) hostcat="";;
            esac
            ;;
        esac
    esac
@end
fi
@if passcat || groupcat
    case "$passcat" in
        nidump*) ;;
        *)
            case "$passcat" in
                *ypcat*) dflt=y;;
                *) if $contains '^+' /etc/passwd >/dev/null 2>&1; then
                    dflt=y
                else
                    dflt=n
                fi;;
                *) dflt=n;;
            esac
            echo " "
            rp='Are you getting the passwd file via yellow pages?'
            . ./myread
            case "$ans" in
                y*) passcat='ypcat passwd'
            esac
        @if groupcat
            echo "(Assuming /etc/group is also distributed.)"
            groupcat='ypcat group'
        @end
    esac
endif

```

```

@end
;;
*) passcat='cat /etc/passwd'
@if groupcat
  echo "(Assuming /etc/group is also local.)"
  groupcat='cat /etc/group'
@end
;;
esac
;;
esac
@end
@if hostcat
case "$hostcat" in
nidump*) ;;
*)
case "$hostcat" in
*yocat*) dflt=y;;
") if $contains '^+' /etc/passwd >/dev/null 2>&1; then
  dflt=y
else
  dflt=n
fi;;
*) dflt=n;;
esac
echo " "
rp='Are you getting the hosts file via yellow pages?'
./myread
case "$ans" in
y*) hostcat='yocat hosts';;
*) hostcat='cat /etc/hosts';;
esac
;;
esac
@end
fi
?X: Ensure suitable default -- Manoj Srivastava
case "$hostcat" in
") hostcat=:
$test -f /etc/hosts && hostcat='cat /etc/hosts';;
esac
case "$groupcat" in
") groupcat=:
$test -f /etc/group && groupcat='cat /etc/group';;
esac
case "$passcat" in
") passcat=:
$test -f /etc/passwd && passcat='cat /etc/passwd';;

```

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nis.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_scandir.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_scandir.U,v \$

?RCS: Revision 3.0.1.1 1994/01/24 14:06:35 ram

?RCS: patch16: created

?RCS:

?MAKE:d\_scandir: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_scandir:

?S: This variable conditionally defines HAS\_SCANDIR if scandir() is

?S: available to scan a directory.

?S:.

?C:HAS\_SCANDIR:

?C: This symbol, if defined, indicates that the scandir routine is

?C: available to scan a directory.

?C:.

?H:#\$d\_scandir HAS\_SCANDIR /\*\*/

?H:.

?LINT:set d\_scandir

: see if scandir exists

set scandir d\_scandir

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_scandir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setreuid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,



?RCS: as specified in the README file that comes with the distribution.  
 ?RCS: You may reuse parts of this distribution only within the terms of  
 ?RCS: that same Artistic Licence; a copy of which may be found at the root  
 ?RCS: of the source tree for dist 4.0.  
 ?RCS:  
 ?RCS: \$Log: d\_setreuid.U,v \$  
 ?RCS: Revision 3.0 1993/08/18 12:07:13 ram  
 ?RCS: Baseline for dist 3.0 netwide release.  
 ?RCS:  
 ?MAKE:d\_setreuid d\_setresuid: Inlibc  
 ?MAKE: -pick add \$@ %<  
 ?S:d\_setreuid:  
 ?S: This variable conditionally defines HAS\_SETREUID if setreuid() is  
 ?S: available to change the real and effective uid of the current  
 ?S: process.  
 ?S:.  
 ?S:d\_setresuid:  
 ?S: This variable conditionally defines HAS\_SETREUID if setresuid() is  
 ?S: available to change the real, effective and saved uid of the current  
 ?S: process.  
 ?S:.  
 ?C:HAS\_SETREUID (SETREUID):  
 ?C: This symbol, if defined, indicates that the setreuid routine is  
 ?C: available to change the real and effective uid of the current  
 ?C: process.  
 ?C:.  
 ?C:HAS\_SETRESUID (SETRESUID):  
 ?C: This symbol, if defined, indicates that the setresuid routine is  
 ?C: available to change the real, effective and saved uid of the current  
 ?C: process.  
 ?C:.  
 ?H:#\$d\_setreuid HAS\_SETREUID /\*\*/  
 ?H:#\$d\_setresuid HAS\_SETRESUID /\*\*/  
 ?H:.  
 ?LINT:set d\_setreuid d\_setresuid  
 : see if setreuid exists  
 set setreuid d\_setreuid  
 eval \$inlibc  
 set setresuid d\_setresuid  
 eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setreuid.U

No license file was found, but licenses were detected in source scan.

Perl5 Metaconfig Units

Copyright (c) 1996-1998, Andy Dougherty  
Copyright (c) 1999-2011, H.Merijn Brand  
All rights reserved.

These units are the ones used to build Configure and config\_h.SH  
in the Perl5 distribution.

metaconfig will first look in its standard locations (specified when you  
installed dist). It will then recurse through the 'U' subdirectory  
and find any additional "private" units. Private units override  
standard ones supplied with metaconfig.

Files in this directory:

#### README

This file.

#### Glossary.patch

The standard dist units contain some strings that make pod2man  
complain. This patch silences those warnings. As new units are  
added and Configure is regenerated, this patch may need more and more  
'fuzz' to be applied. It should be freshly regenerated every once  
in a while. See also mkgloss.pl

#### In-all.pl

Re-generate the all/ folder

#### mkglossary

A script to regenerate Porting/Glossary. You have to manually  
edit the top of the script to point the location of your metaconfig  
units. It is called automatically by 'mksample'. See also mkgloss.pl

#### mkgloss.pl

A perl script that calls U/mkglossary from the perl source tree, sorts  
the list of symbols, and applies the patch mentioned in Glossary.patch.  
When called on its own, redirect the output to a temporary file, and  
compare that file to Porting/Glossary before applying.

#### mksample

A script to regenerate Porting/config.sh and Porting/config.H.  
It also calls mkglossary, if necessary.

Subdirectories:

The units and other related files have been broken up into the following  
directories.

a\_dvisory/

These are units that have to go first in the generated config\_h.SH.  
A word of explanation: Configure and config\_h.SH are generated from 'Units' (the \*.U files). Files indicate dependencies (using make(1)), and Configure is built to follow those dependencies. However, config\_h.SH is simply built by putting all the units in alphabetical order and extracting the relevant lines. (This could be fixed, I suppose, but it wasn't trivial the one time I looked.)  
The a\_dvisory/ directory, then, is a place to put units that need to be early in config\_h.SH. (Most units are self-contained and ought to be able to go anywhere. However, some things, like byteorder, need to have the #defines from multiarch available.)

acl/

This is an old patch to begin to detect and use ACL (access control list) file protection schemes.

all/

A folder that conveniently holds symbolic links to all the modules that are used to build the current Configure and config\_h.SH.

compline/

These are similar to the standard units, but I have modified them to have a more uniform compile command line, usually using the new Compile.U unit. (The cflags.U unit is perl-specific since it mentions -DDEBUGGING and -DPOSIX\_SOURCE, but that's the only place it is perl-specific.)

dist\_patches/

These are patches to dist that must be applied before it is built and installed. I have submitted these for inclusion in the regular dist distribution. They have already been applied to the ../dist-3.0at70b directory.

ebcdic/

These are units that had to be specially modified to work under either EBCDIC or ASCII.

installdirs/

These are units to handle perl's installation directories and related issues.

modified/

These are modified versions of the standard units. Also included in this directory are new units that are clearly derived from existing units. I have submitted these for inclusion in the regular dist distribution.

nullified/

These are null units that replace units in the standard distribution. Typically they are there because some part of the perl source accidentally uses a symbol that metaconfig thinks means we want the corresponding unit.

#### perl/

These are specific to perl. Some are heavily derived from original dist units, and are marked as such. Others are original.

#### perl\_patches/

These are patches to the perl source. This directory should ordinarily be empty, but there may have been drift between the standard version of perl and the one associated with these units.

#### protos/

These are units modified to use the new Hasproto.U or Protochk.U units to check for prototypes.

#### threads/

These are specific to threading perl.

#### typedefs/

These are standard units modified to use the modified Typedef.U unit to check for typedefs. (The modified Typdef.U includes a function to avoid unnecessary prompts if the typedef being searched for exists.)

Where appropriate, I submitted these units for inclusion into the regular dist distribution. However, since dist is no longer actively maintained, and the alternative is for \*me\* to actively maintain it, the units just sit here.

#### Copyright Information:

Unless otherwise indicated, the files contained in this distribution are:

Copyright (c) 1996-1998, Andy Dougherty

The following licensing terms apply to all files contained in this distribution:

You may distribute the files contained in this distribution under the terms of either

a) the "Artistic License" which comes with Perl, or

b) the "Artistic License" which comes with dist, or

c) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version (see the file "Copying" that comes with the Perl distribution).

Which one to use is your choice.

The units in the "modified" directory have been derived from units associated with the metaconfig program of Raphael Manfredi's "dist" distribution. These units list Raphael Manfredi as the Copyright holder. dist is distributed under a modified version of the Perl Artistic License. Clause 7 of this modified license as contained in dist-3.0-pl60 provides:

7. You may reuse parts of this Package in your own programs, provided that you explicitly state where you got them from, in the source code (and, left to your courtesy, in the documentation), duplicating all the associated copyright notices and disclaimers. Besides your changes, if any, must be clearly marked as such. Parts reused that way will no longer fall under this license if, and only if, the name of your program(s) have no immediate connection with the name of the Package itself or its associated programs. You may then apply whatever restrictions you wish on the reused parts or choose to place them in the Public Domain--this will apply only within the context of your package.

In accordance with this clause, the versions of these units contained here are made available under the same terms as the rest of the units.

If you have any questions about the use of these units or about the differences between these units and the standard versions, please feel free to ask.

Andy Dougherty [doughera@lafayette.edu](mailto:doughera@lafayette.edu)  
Dept. of Physics  
Lafayette College  
Easton, PA 18042-1782

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/README

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getnetbyname\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

```

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getnetbyname_r getnetbyname_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getnetbyname_r:
?S: This variable conditionally defines the HAS_GETNETBYNAME_R symbol,
?S: which indicates to the C program that the getnetbyname_r()
?S: routine is available.
?S:.
?S:getnetbyname_r_proto:
?S: This variable encodes the prototype of getnetbyname_r.
?S: It is zero if d_getnetbyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyname_r
?S: is defined.
?S:.
?C:HAS_GETNETBYNAME_R:
?C: This symbol, if defined, indicates that the getnetbyname_r routine
?C: is available to getnetbyname re-entrantly.
?C:.
?C:GETNETBYNAME_R_PROTO:
?C: This symbol encodes the prototype of getnetbyname_r.
?C: It is zero if d_getnetbyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyname_r
?C: is defined.
?C:.
?H:#$d_getnetbyname_r HAS_GETNETBYNAME_R /**/
?H:#define GETNETBYNAME_R_PROTO $getnetbyname_r_proto /**/
?H:.
?T:try hdrs d_getnetbyname_r_proto
: see if getnetbyname_r exists
set getnetbyname_r d_getnetbyname_r
eval $inlibc
case "$d_getnetbyname_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getnetbyname_r_proto:$usethreads" in
":define") d_getnetbyname_r_proto=define
set d_getnetbyname_r_proto getnetbyname_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getnetbyname_r_proto" in
define)

```

```

case "$getnetbyname_r_proto" in
"|0) try='int getnetbyname_r(const char*, struct netent*, char*, size_t, struct netent**, int*);'
./protochk "$extern_C $try" $hdrs && getnetbyname_r_proto=I_CSBWRE ;;
esac
case "$getnetbyname_r_proto" in
"|0) try='int getnetbyname_r(const char*, struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetbyname_r_proto=I_CSBI ;;
esac
case "$getnetbyname_r_proto" in
"|0) try='struct netent* getnetbyname_r(const char*, struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetbyname_r_proto=S_CSBI ;;
esac
case "$getnetbyname_r_proto" in
"|0) try='int getnetbyname_r(const char*, struct netent*, struct netent_data*);'
./protochk "$extern_C $try" $hdrs && getnetbyname_r_proto=I_CSD ;;
esac
case "$getnetbyname_r_proto" in
"|0) d_getnetbyname_r=undef
getnetbyname_r_proto=0
echo "Disabling getnetbyname_r, cannot determine prototype." >&4 ;;
*) case "$getnetbyname_r_proto" in
REENTRANT_PROTO*) ;;
*) getnetbyname_r_proto="REENTRANT_PROTO_${getnetbyname_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "getnetbyname_r has no prototype, not using it." >&4 ;;
esac
d_getnetbyname_r=undef
getnetbyname_r_proto=0
;;
esac
;;
*) getnetbyname_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getnetbyname_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Findhdr.U,v 3.0.1.2 1994/10/29 15:53:08 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: Original Author: Thomas Neumann <tom@smart.bo.open.de>  
?RCS:  
?RCS: \$Log: Findhdr.U,v \$  
?RCS: Revision 3.0.1.2 1994/10/29 15:53:08 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS:  
?RCS: Revision 3.0.1.1 1994/05/06 14:03:56 ram  
?RCS: patch23: cppminus must be after other cppflags, not before  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:04:54 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit produces a findhdr script which is used to locate the header  
?X: files in \$usrinc or other stranger places using cpp capabilities. The  
?X: script is given an include file base name, like 'stdio.h' or 'sys/file.h'  
?X: and it returns the full path of the include file and a zero status or an  
?X: empty string with an error status if the file could not be located.  
?X:  
?MAKE:Findhdr: grep test tr rm incpth awk cat startsh \  
cppstdin cppminus +cppflags osname  
?MAKE: -pick add \$@ %<  
?LINT:extern cppfilter  
?LINT:define fieldn  
?S:fieldn:  
?S: This variable is used internally by Configure. It contains the position  
?S: of the included file name in cpp output. That is to say, when cpp  
?S: pre-processes a #include <file> line, it replaces it by a # line which  
?S: contains the original position in the input file and the full name of  
?S: included file, between "quotes".  
?S:.  
?V:fieldn  
?F:./findhdr !fieldn  
?T:cline pos wanted name awkprg usrincdir status testaccess  
: determine filename position in cpp output  
echo " "  
echo "Computing filename position in cpp output for #include directives..." >&4  
case "\$osname" in  
amigaos) fieldn=3 ;; # Workaround for a bug in abc (pdksh).  
esac  
case "\$fieldn" in  
")



```

case "$osname" in
vos) testaccess=-e ;;
*) testaccess=-r ;;
esac
echo '#include <stdio.h>' > foo.c
$cat >fieldn <<EOF
$startsh
$cpstdin $cppflags $cppminus <foo.c 2>/dev/null | \
$grep '^[ ]*#.*stdio.h' | \
while read cline; do
pos=1
set \ $cline
while $test \ $# -gt 0; do
if $test $testaccess `echo \ $1 | $tr -d "'"; then
echo "\ $pos"
exit 0
fi
shift
pos=`expr \ $pos + 1`
done
done
EOF
chmod +x fieldn
fieldn=`./fieldn`
$rm -f foo.c fieldn
;;
esac
case $fieldn in
") pos='???';;
1) pos=first;;
2) pos=second;;
3) pos=third;;
*) pos="{fieldn}th";;
esac
echo "Your cpp writes the filename in the $pos field of the line."

```

?X: To locate a header file, we cannot simply check for \$usrinc/file.h, since  
?X: some machine have the headers in weird places and our only hope is that  
?X: the C pre-processor will know how to find those headers. Thank you Next!  
: locate header file

```

$cat >findhdr <<EOF
$startsh
wanted=\ $1
name=""
for usrincdir in $incpth
do
if test -f \ $usrincdir/\ $wanted; then
echo "\ $usrincdir/\ $wanted"

```

```

    exit 0
fi
done
awkprg='{ print \$$fieldn }'
echo "#include <\$wanted>" > foo\$\$.c
$cppstdin $cppminus $cppflags < foo\$\$.c 2>/dev/null | \
$cppfilter $grep "^[ ]*#.*\$wanted" | \
while read cline; do
    name=\`echo \$cline | $awk "\$awkprg" | $tr -d ""\`
    case "\$name" in
        *[\^\\\]\$wanted) echo "\$name"; exit 1;;
        *[\^\\\]\$wanted) echo "\$name"; exit 1;;
        *) exit 2;;
    esac;
done;
#
# status = 0: grep returned 0 lines, case statement not executed
# status = 1: headerfile found
# status = 2: while loop executed, no headerfile found
#
status=\$?
$rm -f foo\$\$.c;
if test \$status -eq 1; then
    exit 0;
fi
exit 1
EOF
chmod +x findhdr

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Findhdr.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: mallocsrc.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:10:26 ram

?RCS: patch61: added support for Free\_t, the type of free()

?RCS: patch61: replaced .o with \$\_o all over the place

?RCS:  
?RCS: Revision 3.0.1.1 1994/05/06 15:10:46 ram  
?RCS: patch23: added support for MYMALLOC, mainly for perl5 (ADO)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:12 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:malloclsrc malloclobj usemymalloc mallocltype d\_mymalloc \  
freetype: Myread \  
Oldconfig package Guess Setvar rm cat +cc +ccflags Findhdr \  
i\_malloc i\_stdlib sed libs \_o ptrsize  
?MAKE: -pick add \$@ %<  
?X: Put near top so that other tests don't erroneously include  
?X: -lmalloc. --AD 22 June 1998  
?Y:TOP  
?S:usemymalloc:  
?S: This variable contains y if the malloc that comes with this package  
?S: is desired over the system's version of malloc. People often include  
?S: special versions of malloc for efficiency, but such versions are often  
?S: less portable. See also malloclsrc and malloclobj.  
?S: If this is 'y', then -lmalloc is removed from \$libs.  
?S:.  
?S:malloclsrc:  
?S: This variable contains the name of the malloc.c that comes with  
?S: the package, if that malloc.c is preferred over the system malloc.  
?S: Otherwise the value is null. This variable is intended for generating  
?S: Makefiles.  
?S:.  
?S:d\_mymalloc:  
?S: This variable conditionally defines MYMALLOC in case other parts  
?S: of the source want to take special action if MYMALLOC is used.  
?S: This may include different sorts of profiling or error detection.  
?S:.  
?S:malloclobj:  
?S: This variable contains the name of the malloc.o that this package  
?S: generates, if that malloc.o is preferred over the system malloc.  
?S: Otherwise the value is null. This variable is intended for generating  
?S: Makefiles. See malloclsrc.  
?S:.  
?S:freetype:  
?S: This variable contains the return type of free(). It is usually  
?S: void, but occasionally int.  
?S:.  
?S:mallocltype:  
?S: This variable contains the kind of ptr returned by malloc and realloc.  
?S:.  
?C:Free\_t:  
?C: This variable contains the return type of free(). It is usually

```

?C: void, but occasionally int.
?C:.
?C:Malloc_t (MALLOC_PTRTYPE):
?C: This symbol is the type of pointer returned by malloc and realloc.
?C:.
?H:#define Malloc_t $mалloc_type /**/
?H:#define Free_t $freetype /**/
?H:.
?C:MYMALLOC:
?C: This symbol, if defined, indicates that we're using our own malloc.
?C:.
?H:#$d_mymalloc MYMALLOC /**/
?H:.
?LINT:change libs
?X: Cannot test for malloclib; it is the unit's name and there is a bug in
?X: the interpreter which defines all the names, even though they are not used.
@if malloclib
: determine which malloc to compile in
echo " "
case "$usemymalloc" in
[yY]*|true|$define) dflt='y' ;;
[nN]*|false|$undef) dflt='n' ;;
*)
case "$ptrsize" in
4) dflt='y' ;;
*) dflt='n' ;;
esac
;;
esac
rp="Do you wish to attempt to use the malloc that comes with $package?"
./myread
usemymalloc="$ans"
case "$ans" in
y*|true)
usemymalloc='y'
malloclib='malloc.c'
malloclib="$malloclib"
d_mymalloc="$define"
?X: Maybe libs.U should be dependent on malloclib.U, but then
?X: most packages that use dist probably don't supply their own
?X: malloc, so this is probably an o.k. compromise
case "$libs" in
*-lmalloc*)
: Remove malloc from list of libraries to use
echo "Removing unneeded -lmalloc from library list" >&4
set `echo X $libs | $sed -e 's/-lmalloc //' -e 's/-lmalloc$//'^
shift
libs="$*"

```

```

    echo "libs = $libs" >&4
    ;;
esac
;;
*)
    usemymalloc='n'
    malloctype=""
    malloctype=""
    d_mymalloc="$undef"
    ;;
esac

@end
@if MALLOC_PTRTYPE || Malloc_t || Free_t
: compute the return types of malloc and free
echo " "
$cat >malloc.c <<END
#$i_malloc I_MALLOC
#$i_stdlib I_STDLIB
#include <stdio.h>
#include <sys/types.h>
#ifdef I_MALLOC
#include <malloc.h>
#endif
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#ifdef TRY_MALLOC
void *malloc();
#endif
#ifdef TRY_FREE
void free();
#endif
END
@if MALLOC_PTRTYPE || Malloc_t
case "$malloctype" in
")
    if $cc $ccflags -c -DTRY_MALLOC malloc.c >/dev/null 2>&1; then
        malloctype='void *'
    else
        malloctype='char *'
    fi
    ;;
esac
echo "Your system wants malloc to return '$malloctype', it would seem." >&4
@end

@if Free_t

```

```

case "$freetype" in
")
if $cc $ccflags -c -DTRY_FREE malloc.c >/dev/null 2>&1; then
freetype='void'
else
freetype='int'
fi
;;
esac
echo "Your system uses $freetype free(), it would seem." >&4
@end
$rm -f malloc.[co]
@end

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mallocsrc.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_syslog.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_syslog.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:46:56 ram
?RCS: patch61: replaced .o with $_o all over the place
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:43 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_syslog: test Csym Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_syslog:
?S: This variable conditionally defines the HAS_SYSLOG symbol, which
?S: indicates to the C program that syslog() exists on this system.
?S:.
?C:HAS_SYSLOG (LIBSYSLOG):
?C: This symbol, if defined, indicates that the program can rely on the
?C: system providing syslog(). Otherwise, the syslog code provided by
?C: the package should be used.
?C:.
?H:#$d_syslog HAS_SYSLOG /**/

```

```
?H:
?LINT:set d_syslog
: see if syslog is available
echo " "
if $test `./findhdr syslog.h` && \
(set syslog val -f d_syslog; eval $csym; $val); then
echo "syslog() found." >&4
val="$define"
else
echo "syslog() not found in your C library." >&4
val="$undef"
fi
set d_syslog
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_syslog.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Typedef.U,v 3.0.1.3 1995/07/25 13:42:07 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: Typedef.U,v $
```

```
?RCS: Revision 3.0.1.3 1995/07/25 13:42:07 ram
```

```
?RCS: patch56: added backslash escapes within evals to prevent space problems
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.2 1994/10/29 16:01:16 ram
```

```
?RCS: patch36: don't clobber visible 'val' variable, use 'varval' instead
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/08/29 16:05:14 ram
```

```
?RCS: patch32: created
```

```
?RCS:
```

```
?X:
```

```
?X: This unit checks for the definition of a given typedef.
```

```
?X:
```

```
?X: To use it, say:
```

```
?X: set typedef val_t default [includes]
```

```
?X: eval $typedef
```

```
?X:
```

```
?MAKE:Typedef: cppstdin cppminus cppflags rm sed contains Oldconfig Myread
```

```

?MAKE: -pick add $@ %<
?LINT:define typedef
?LINT:define typedef_ask
?V:typedef typedef_ask
?S:typedef:
?S: This shell variable is used internally by Configure to check
?S: whether a given typedef is defined or not. A typical use is:
?S: set typedef val_t default [includes]
?S: eval $typedef
?S: That will return val_t set to default if the typedef was not found,
?S: to typedef otherwise. If no includes are specified, look in sys/types.h.
?S:.
?S:typedef_ask:
?S: This shell variable is used internally by Configure to check
?S: whether a given typedef is defined or not. If it is not defined,
?S: this will call the ./myread script to prompt for an answer.
?S: It is intended to be used to avoid unnecessary prompts.
?S: A typical use is
?S: rp="What is the type for file position used by fsetpos()?"
?S: set fpos_t fpostype long stdio.h sys/types.h
?S: eval $typedef_ask
?S: This will set fpostype=fpos_t, if fpos_t is available. Otherwise
?S: it will call myread with a default of 'long', and a prompt of $rp.
?S:.
?T:type var def inclist varval inc
?F:!temp.c
: define an is-a-typedef? function
typedef='type=$1; var=$2; def=$3; shift; shift; shift; inclist=$@;
case "$inclist" in
"" ) inclist="sys/types.h";;
esac;
eval "varval=\$$var";
case "$varval" in
"" )
$rm -f temp.c;
for inc in $inclist; do
echo "#include <$inc>" >>temp.c;
done;
?X: Maybe it's a #define instead of a typedef.
echo "#ifdef $type" >> temp.c;
echo "printf(\"We have $type\");" >> temp.c;
echo "#endif" >> temp.c;
$cpstdin $cppflags $cppminus < temp.c >temp.E 2>/dev/null;
if $contains $type temp.E >/dev/null 2>&1; then
eval "$var=\$type";
else
eval "$var=\$def";
fi;

```



```

$rm -f temp.?.;
*) eval "$var=\$varval";;
esac'

```

?X: Originally, I eval'd \$typedef and then checked the results against  
?X: \$type. Unfortunately, it then became complicated to check  
?X: whether you are re-using an old config.sh value, and the logic got  
?X: so convoluted it became easier to just copy the function above  
?X: and alter it slightly. A.D. 3/1998  
: define an is-a-typedef? function that prompts if the type is not available.

```

typedef_ask='type=$1; var=$2; def=$3; shift; shift; shift; inclist=$@;
case "$inclist" in
"" ) inclist="sys/types.h";;
esac;
eval "varval=\$$var";
case "$varval" in
"" )
$rm -f temp.c;
for inc in $inclist; do
echo "#include <$inc>" >>temp.c;
done;
?X: Maybe it's a #define instead of a typedef.
echo "#ifndef $type" >> temp.c;
echo "printf(\"We have $type\");" >> temp.c;
echo "#endif" >> temp.c;
$cpstdin $cppflags $cppminus < temp.c >temp.E 2>/dev/null;
echo " " ;
echo "$rp" | $sed -e "s/What is/Looking for/" -e "s/?/./";
if $contains $type temp.E >/dev/null 2>&1; then
echo "$type found." >&4;
eval "$var=\$type";
else
echo "$type NOT found." >&4;
dflt="$def";
./myread ;
eval "$var=\$ans";
fi;
$rm -f temp.?.;
*) eval "$var=\$varval";;
esac'

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/Typedef.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_regcmp.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_regcmp.U,v \$

?RCS: Revision 3.0.1.1 1995/01/30 14:34:45 ram

?RCS: patch49: now looks for POSIX regcomp() routine

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:53 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_regcmp d\_re\_comp d\_regcomp: Csym cat

?MAKE: -pick add \$@ %<

?S:d\_regcomp:

?S: This variable conditionally defines the HAS\_REGCOMP symbol, which  
?S: indicates to the C program that the regcomp() routine is available  
?S: for regular pattern matching (usually on POSIX.2 conforming systems).

?S:.

?S:d\_regcmp:

?S: This variable conditionally defines the HAS\_REGCMP symbol, which  
?S: indicates to the C program that the regcmp() routine is available  
?S: for regular pattern matching (usually on System V).

?S:.

?S:d\_re\_comp:

?S: This variable conditionally defines the HAS\_RECOMP symbol, which  
?S: indicates to the C program that the re\_comp() routine is available  
?S: for regular pattern matching (usually on BSD). If so, it is likely that  
?S: re\_exec() exists.

?S:.

?C:HAS\_REGCOMP (REGCOMP):

?C: This symbol, if defined, indicates that the regcomp() routine is  
?C: available to do some regular pattern matching (usually on POSIX.2  
?C: conforming systems).

?C:.

?C:HAS\_REGCMP (REGCMP):

?C: This symbol, if defined, indicates that the regcmp() routine is  
?C: available to do some regular pattern matching (usually on System V).

?C:.

?C:HAS\_RECOMP (RECOMP):

?C: This symbol, if defined, indicates that the re\_comp() routine is  
?C: available to do some regular pattern matching (usually on BSD). If so,  
?C: it is likely that re\_exec() be available.

?C:.

?H:#\$d\_regcomp HAS\_REGCOMP /\* POSIX.2 \*/

```

?H:#$d_regcmp HAS_REGCMP /* sysV */
?H:#$d_re_comp HAS_RECOMP /* BSD */
?H:.
?T:val
: see if regcomp, regcmp, or re_comp exist, for regular pattern matching
echo " "
if set regcomp val -f d_regcomp; eval $csym; $val; then
echo 'regcomp() found.' >&4
d_regcomp="$define"
d_re_comp="$undef"
elif set regcmp val -f d_regcmp; eval $csym; $val; then
echo 'regcmp() found.' >&4
d_regcomp="$define"
d_re_comp="$undef"
elif set re_comp val -f d_re_comp; eval $csym; $val; then
echo 're_comp() found, assuming re_exec() also exists.' >&4
d_re_comp="$define"
d_regcomp="$undef"
d_re_comp="$undef"
else
$cat >&4 <<EOM
No regcomp(), regcmp() nor re_comp() found !! No regular pattern matching.
EOM
d_regcomp="$undef"
d_re_comp="$undef"
d_regcomp="$undef"
fi

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_regcmp.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_sysstatfs.U,v $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

```

```

?RCS:

```

```

?RCS: You may distribute under the terms of either the GNU General Public

```

```

?RCS: License or the Artistic License, as specified in the README file.

```

```

?RCS:

```

```

?MAKE:i_sysstatfs: Inhdr Hasfield

```

```

?MAKE: -pick add $@ %<

```

```

?S:i_sysstatfs:

```

```

?S: This variable conditionally defines the I_SYSSTATFS symbol,

```

```

?S: and indicates whether a C program should include <sys/statfs.h>.

```

```

?S:.

```

?C:I\_SYS\_STATFS:

?C: This symbol, if defined, indicates that <sys/statfs.h> exists.

?C:.

?H:#\$i\_sysstatfs I\_SYS\_STATFS /\*\*/

?H:.

?LINT:set i\_sysstatfs

: see if this is a sys/statfs.h system

set sys/statfs.h i\_sysstatfs

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_sysstatfs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: lns.U,v 3.0.1.1 1994/06/20 07:05:52 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: lns.U,v \$

?RCS: Revision 3.0.1.1 1994/06/20 07:05:52 ram

?RCS: patch30: created by ADO

?RCS:

?X:

?X: This unit checks whether symbolic links are really supported.

?X: We can't rely on d\_symlink because that may be listed in the

?X: C library but unimplemented.

?X:

?MAKE:lns: ln rm touch

?MAKE: -pick add \$@ %<

?S:lns:

?S: This variable holds the name of the command to make

?S: symbolic links (if they are supported). It can be used

?S: in the Makefile. It is either 'ln -s' or 'ln'

?S:.

: determine whether symbolic links are supported

echo " "

\$touch blurfl

if \$ln -s blurfl sym > /dev/null 2>&1 ; then

echo "Symbolic links are supported." >&4

```
lns="$ln -s"
else
echo "Symbolic links are NOT supported." >&4
lns="$ln"
fi
$rm -f blurfl sym
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/lns.U
```

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fdclose: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fdclose:

?S: This variable conditionally defines the HAS\_FDCLOSE symbol, which

?S: indicates to the C program that the fdclose() routine is available.

?S:.

?C:HAS\_FDCLOSE:

?C: This symbol, if defined, indicates that the fdclose routine is

?C: available to free a FILE structure without closing the underlying

?C: file descriptor. This function appeared in FreeBSD 10.2.

?C:.

?H:#\$d\_fdclose HAS\_FDCLOSE /\*\*/

?H:.

?LINT:set d\_fdclose

: see if fdclose exists

set fdclose d\_fdclose

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fdclose.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: mailfile.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

```

?RCS: $Log: mailfile.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 16:24:57 ram
?RCS: patch36: the Loc unit was missing from the dependency line
?RCS:
?RCS: Revision 3.0.1.1 1993/12/15 08:22:08 ram
?RCS: patch15: now also looks under /var/mail for BSD/386
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:11 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:mailfile: Myread Oldconfig Filexp Loc
?MAKE: -pick add $@ %<
?S:mailfile:
?S: This variable contains the eventual value of the MAILFILE symbol,
?S: which contains an interpretable name of the mail spool file for the
?S: current user.
?S:.
?C:MAILFILE:
?C: This symbol contains the interpretable name of the mail spool file
?C: for the current user. The program must be prepared to substitute
?C: the HOME directory for %~, and the login id for %L.
?C:.
?H:#define MAILFILE "$mailfile" /**/
?H:.
: determine where mail is spooled
case "$mailfile" in
")
dflt=`./loc . XXX /usr/spool/mail /usr/mail /var/mail`
case "$dflt" in
XXX) dflt=%~/mailbox';;
*) dflt="$dflt/%L";;
esac
;;
*) dflt="$mailfile"
;;
esac
cat <<'EOM'

```

In the following question, you may use %~ to represent the user's home directory, and %L to represent a users name.

```

EOM
rp='In which file is yet-to-be-read mail spooled? (~name ok)'
./myread
mailfile=`./filexp "$ans"`

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/mailfile.U

No license file was found, but licenses were detected in source scan.

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?RCS: as specified in the README file that comes with the distribution.

?RCS:

?MAKE:i\_stdint: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_stdint:

?S: This variable conditionally defines the I\_STDINT symbol, which

?S: indicates to the C program that <stdint.h> exists and should

?S: be included.

?S:.

?C:I\_STDINT:

?C: This symbol, if defined, indicates that <stdint.h> exists and

?C: should be included.

?C:.

?H:#\$i\_stdint I\_STDINT /\*\*/

?H:.

?LINT:set i\_stdint

: see if stdint is available

set stdint.h i\_stdint

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/i\_stdint.U

No license file was found, but licenses were detected in source scan.

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?RCS:

?MAKE:d\_logb: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_logb:

?S: This variable conditionally defines the HAS\_LOGB symbol, which

?S: indicates to the C program that the logb() routine is available

?S: to extract the exponent of x.

?S:.

?C:HAS\_LOGB:

?C: This symbol, if defined, indicates that the logb routine is

?C: available to do the logb function.

?C:.

?H:#\$d\_logb HAS\_LOGB /\*\*/

?H:.

?LINT:set d\_logb

: see if logb exists

set logb d\_logb

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_logb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_memalign.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_memalign.U,v \$

?RCS:

?MAKE:d\_memalign: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_memalign:

?S: This variable conditionally defines the HAS\_MEMALIGN symbol, which

?S: indicates to the C program that the memalign() routine is available.

?S:.

?C:HAS\_MEMALIGN :

?C: This symbol, if defined, indicates that the memalign routine is

?C: available to allocate aligned memory.

?C:.

?H:#\$d\_memalign HAS\_MEMALIGN /\*\*/

?H:.

?LINT:set d\_memalign

: see if memalign exists

set memalign d\_memalign

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_memalign.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setpwent\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.



?RCS:

?MAKE:d\_setpwent\_r setpwent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
 usethreads i\_pwd extern\_C

?MAKE: -pick add \$@ %<

?S:d\_setpwent\_r:

?S: This variable conditionally defines the HAS\_SETPWENT\_R symbol,  
 ?S: which indicates to the C program that the setpwent\_r()  
 ?S: routine is available.

?S:.

?S:setpwent\_r\_proto:

?S: This variable encodes the prototype of setpwent\_r.  
 ?S: It is zero if d\_setpwent\_r is undef, and one of the  
 ?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_setpwent\_r  
 ?S: is defined.

?S:.

?C:HAS\_SETPWENT\_R:

?C: This symbol, if defined, indicates that the setpwent\_r routine  
 ?C: is available to setpwent re-entrantly.

?C:.

?C:SETPWENT\_R\_PROTO:

?C: This symbol encodes the prototype of setpwent\_r.  
 ?C: It is zero if d\_setpwent\_r is undef, and one of the  
 ?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_setpwent\_r  
 ?C: is defined.

?C:.

?H:#\$d\_setpwent\_r HAS\_SETPWENT\_R /\*\*/  
 ?H:#define SETPWENT\_R\_PROTO \$setpwent\_r\_proto /\*\*/  
 ?H:.

?T:try hdrs d\_setpwent\_r\_proto  
 : see if setpwent\_r exists  
 set setpwent\_r d\_setpwent\_r  
 eval \$inlibc  
 case "\$d\_setpwent\_r" in  
 "\$define")  
 hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_pwd pwd.h"  
 case "\$d\_setpwent\_r\_proto:\$susethreads" in  
 ":define") d\_setpwent\_r\_proto=define  
 set d\_setpwent\_r\_proto setpwent\_r \$hdrs  
 eval \$hasproto ;;  
 \*) ;;  
 esac  
 case "\$d\_setpwent\_r\_proto" in  
 define)  
 case "\$setpwent\_r\_proto" in  
 "|0) try='int setpwent\_r(FILE\*\*);'  
 ./protochk "\$extern\_C \$try" \$hdrs && setpwent\_r\_proto=I\_H ;;  
 esac  
 case "\$setpwent\_r\_proto" in

```

"|0) try='void setpwent_r(FILE**);'
./protochk "$extern_C $try" $hdrs && setpwent_r_proto=V_H ;;
esac
case "$setpwent_r_proto" in
"|0) d_setpwent_r=undef
setpwent_r_proto=0
echo "Disabling setpwent_r, cannot determine prototype." >&4 ;;
*) case "$setpwent_r_proto" in
REENTRANT_PROTO*) ;;
*) setpwent_r_proto="REENTRANT_PROTO_$setpwent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "setpwent_r has no prototype, not using it." >&4 ;;
esac
d_setpwent_r=undef
setpwent_r_proto=0
;;
esac
;;
*) setpwent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setpwent_r.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: mallocsrc.U,v 3.0.1.2 1997/02/28 16:10:26 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: mallocsrc.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 16:10:26 ram
?RCS: patch61: added support for Free_t, the type of free()
?RCS: patch61: replaced .o with $_o all over the place
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:10:46 ram
?RCS: patch23: added support for MYMALLOC, mainly for perl5 (ADO)

```

?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:12 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:mallocsrc mallocobj usemallocwrap usemymalloc malloctype d\_mymalloc \  
freetype: Myread \  
Oldconfig package Guess Setvar rm cat +cc +ccflags Findhdr \  
i\_malloc i\_stdlib sed libs \_o ptrsize useithreads  
?MAKE: -pick add \$@ %<  
?X: Put near top so that other tests don't erroneously include  
?X: -lmalloc. --AD 22 June 1998  
?Y:TOP  
?S:usemymalloc:  
?S: This variable contains y if the malloc that comes with this package  
?S: is desired over the system's version of malloc. People often include  
?S: special versions of malloc for efficiency, but such versions are often  
?S: less portable. See also mallocsrc and mallocobj.  
?S: If this is 'y', then -lmalloc is removed from \$libs.  
?S:.  
?S:usemallocwrap:  
?S: This variable contains y if we are wrapping malloc to prevent  
?S: integer overflow during size calculations.  
?S:.  
?S:mallocsrc:  
?S: This variable contains the name of the malloc.c that comes with  
?S: the package, if that malloc.c is preferred over the system malloc.  
?S: Otherwise the value is null. This variable is intended for generating  
?S: Makefiles.  
?S:.  
?S:d\_mymalloc:  
?S: This variable conditionally defines MYMALLOC in case other parts  
?S: of the source want to take special action if MYMALLOC is used.  
?S: This may include different sorts of profiling or error detection.  
?S:.  
?S:mallocobj:  
?S: This variable contains the name of the malloc.o that this package  
?S: generates, if that malloc.o is preferred over the system malloc.  
?S: Otherwise the value is null. This variable is intended for generating  
?S: Makefiles. See mallocsrc.  
?S:.  
?S:freetype:  
?S: This variable contains the return type of free(). It is usually  
?S: void, but occasionally int.  
?S:.  
?S:malloctype:  
?S: This variable contains the kind of ptr returned by malloc and realloc.  
?S:.  
?C:Free\_t:

?C: This variable contains the return type of free(). It is usually  
?C: void, but occasionally int.  
?C:.  
?C:Malloc\_t (MALLOC\_PTRTYPE):  
?C: This symbol is the type of pointer returned by malloc and realloc.  
?C:.  
?H:#define Malloc\_t \$mалloctype /\*\*/  
?H:#define Free\_t \$freetype /\*\*/  
?H:.  
?C:PERL\_MALLOC\_WRAP:  
?C: This symbol, if defined, indicates that we'd like malloc wrap checks.  
?C:.  
?H:#\$usemallocwrap PERL\_MALLOC\_WRAP /\*\*/  
?H:.  
?C:MYMALLOC:  
?C: This symbol, if defined, indicates that we're using our own malloc.  
?C:.  
?H:#\$d\_mymalloc MYMALLOC /\*\*/  
?H:.  
?LINT:extern usedevel  
?LINT:change libs  
?X: Cannot test for malloctx; it is the unit's name and there is a bug in  
?X: the interpreter which defines all the names, even though they are not used.  
@if mallocobj  
: determine whether to use malloc wrapping  
echo " "  
case "\$usemallocwrap" in  
[yY]\*|true|\$define) dflt='y' ;;  
[nN]\*|false|\$undef) dflt='n' ;;  
\*) case "\$usedevel" in  
[yY]\*|true|\$define) dflt='y' ;;  
\*) dflt='n' ;;  
esac  
;;  
esac  
rp="Do you wish to wrap malloc calls to protect against potential overflows?"  
./myread  
usemallocwrap="\$ans"  
case "\$ans" in  
y\*|true)  
usemallocwrap="\$define" ;;  
\*)  
usemallocwrap="\$undef" ;;  
esac  
: determine which malloc to compile in  
echo " "  
case "\$usemymalloc" in

```

[yY]*|true|$define) dflt='y' ;;
[nN]*|false|$undef) dflt='n' ;;
*) case "$ptrsize" in
4) dflt='y' ;;
*) dflt='n' ;;
esac
if test "$useithreads" = "$define"; then dflt='n'; fi
;;
esac
rp="Do you wish to attempt to use the malloc that comes with $package?"
./myread
usemymalloc="$ans"
case "$ans" in
y*|true)
usemymalloc='y'
mallosrc='malloc.c'
mallocoobj="malloc$_o"
d_mymalloc="$define"
?X: Maybe libs.U should be dependent on mallosrc.U, but then
?X: most packages that use dist probably don't supply their own
?X: malloc, so this is probably an o.k. compromise
case "$libs" in
*-lmalloc*)
: Remove malloc from list of libraries to use
echo "Removing unneeded -lmalloc from library list" >&4
set `echo X $libs | $sed -e 's/-lmalloc / /' -e 's/-lmalloc$//`
shift
libs="$*"
echo "libs = $libs" >&4
;;
esac
;;
*)
usemymalloc='n'
mallosrc=""
mallocoobj=""
d_mymalloc="$undef"
;;
esac

@end
@if MALLOCPTRTYPE || Malloc_t || Free_t
: compute the return types of malloc and free
echo " "
$cat >malloc.c <<END
#$i_malloc I_MALLOC
#$i_stdlib I_STDLIB
#include <stdio.h>

```

```

#include <sys/types.h>
#ifdef I_MALLOC
#include <malloc.h>
#endif
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#ifdef TRY_MALLOC
void *malloc();
#endif
#ifdef TRY_FREE
void free();
#endif
END
@if MALLOCPTRTYPE || Malloc_t
case "$malloctype" in
")
if $cc $cflags -c -DTRY_MALLOC malloc.c >/dev/null 2>&1; then
malloctype='void *'
else
malloctype='char *'
fi
;;
esac
echo "Your system wants malloc to return '$malloctype', it would seem." >&4
@end

@if Free_t
case "$freetype" in
")
if $cc $cflags -c -DTRY_FREE malloc.c >/dev/null 2>&1; then
freetype='void'
else
freetype='int'
fi
;;
esac
echo "Your system uses $freetype free(), it would seem." >&4
@end
$rm -f malloc.[co]
@end

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/mallosrc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sig\_name.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: sig\_name.U,v \$  
?RCS: Revision 3.0.1.5 1997/02/28 16:21:25 ram  
?RCS: patch61: brand new algorithm for sig\_name and (new!) sig\_num  
?RCS:  
?RCS: Revision 3.0.1.4 1995/07/25 14:14:54 ram  
?RCS: patch56: added <asm/signal.h> lookup for Linux  
?RCS:  
?RCS: Revision 3.0.1.3 1995/05/12 12:24:11 ram  
?RCS: patch54: now looks for <linux/signal.h> too (ADO)  
?RCS:  
?RCS: Revision 3.0.1.2 1994/06/20 07:06:57 ram  
?RCS: patch30: final echo was missing to close awk-printed string  
?RCS:  
?RCS: Revision 3.0.1.1 1994/05/06 15:17:55 ram  
?RCS: patch23: signal list now formatted to avoid scroll-ups (ADO)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:47 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:sig\_name sig\_name\_init sig\_num sig\_num\_init sig\_count sig\_size: \  
awk Signal Oldconfig rm  
?MAKE: -pick add \$@ %<  
?S:sig\_name:  
?S: This variable holds the signal names, space separated. The leading  
?S: SIG in signal name is removed. A ZERO is prepended to the list.  
?S: This is currently not used, sig\_name\_init is used instead.  
?S:.  
?S:sig\_name\_init:  
?S: This variable holds the signal names, enclosed in double quotes and  
?S: separated by commas, suitable for use in the SIG\_NAME definition  
?S: below. A "ZERO" is prepended to the list, and the list is  
?S: terminated with a plain 0. The leading SIG in signal names  
?S: is removed. See sig\_num.  
?S:.  
?S:sig\_num:  
?S: This variable holds the signal numbers, space separated. A ZERO is  
?S: prepended to the list (corresponding to the fake SIGZERO).  
?S: Those numbers correspond to the value of the signal listed  
?S: in the same place within the sig\_name list.

?S: This is currently not used, sig\_num\_init is used instead.

?S:.

?S:sig\_num\_init:

?S: This variable holds the signal numbers, enclosed in double quotes and

?S: separated by commas, suitable for use in the SIG\_NUM definition

?S: below. A "ZERO" is prepended to the list, and the list is

?S: terminated with a plain 0.

?S:.

?S:sig\_count (sig\_name.U):

?S: This variable holds a number larger than the largest valid

?S: signal number. This is usually the same as the NSIG macro.

?S:.

?S:sig\_size:

?S: This variable contains the number of elements of the sig\_name

?S: and sig\_num arrays.

?S:.

?C:SIG\_NAME:

?C: This symbol contains a list of signal names in order of

?C: signal number. This is intended

?C: to be used as a static array initialization, like this:

?C: char \*sig\_name[] = { SIG\_NAME };

?C: The signals in the list are separated with commas, and each signal

?C: is surrounded by double quotes. There is no leading SIG in the signal

?C: name, i.e. SIGQUIT is known as "QUIT".

?C: Gaps in the signal numbers (up to NSIG) are filled in with NUMnn,

?C: etc., where nn is the actual signal number (e.g. NUM37).

?C: The signal number for sig\_name[i] is stored in sig\_num[i].

?C: The last element is 0 to terminate the list with a NULL. This

?C: corresponds to the 0 at the end of the sig\_name\_init list.

?C: Note that this variable is initialized from the sig\_name\_init,

?C: not from sig\_name (which is unused).

?C:.

?C:SIG\_NUM:

?C: This symbol contains a list of signal numbers, in the same order as the

?C: SIG\_NAME list. It is suitable for static array initialization, as in:

?C: int sig\_num[] = { SIG\_NUM };

?C: The signals in the list are separated with commas, and the indices

?C: within that list and the SIG\_NAME list match, so it's easy to compute

?C: the signal name from a number or vice versa at the price of a small

?C: dynamic linear lookup.

?C: Duplicates are allowed, but are moved to the end of the list.

?C: The signal number corresponding to sig\_name[i] is sig\_number[i].

?C: if (i < NSIG) then sig\_number[i] == i.

?C: The last element is 0, corresponding to the 0 at the end of

?C: the sig\_name\_init list.

?C: Note that this variable is initialized from the sig\_num\_init,

?C: not from sig\_num (which is unused).

?C:.



```

?C:SIG_COUNT:
?C: This variable contains a number larger than the largest
?C: signal number. This is usually the same as the NSIG macro.
?C:.
?C:SIG_SIZE:
?C: This variable contains the number of elements of the SIG_NAME
?C: and SIG_NUM arrays, excluding the final NULL entry.
?C:.
?H:#define SIG_NAME $sig_name_init /**/
?H:#define SIG_NUM $sig_num_init /**/
?H:#define SIG_COUNT $sig_count /**/
?H:#define SIG_SIZE $sig_size /**/
?H:.
?T:i doinit
?F:!= !signal_cmd
?X: signal.cmd creates a file signal.lst which has two columns:
?X: NAME number, e.g.
?X: HUP 1
?X: The list is sorted on signal number, with duplicates moved to
?X: the end..
: generate list of signal names
case "$sig_num_init" in
")
echo " "
case "$sig_name_init" in
") doinit=yes ;;
*) case "$sig_num_init" in
"*) doinit=yes ;;
esac ;;
esac
case "$doinit" in
yes)
echo "Generating a list of signal names and numbers..." >&4
./signal_cmd
sig_count=`$awk '/^NSIG/ { printf "%d", $2 }' signal.lst`
sig_name=`$awk 'BEGIN { printf "ZERO " }
!/^NSIG/ { printf "%s ", $1 }' signal.lst`
sig_num=`$awk 'BEGIN { printf "0 " }
!/^NSIG/ { printf "%d ", $2 }' signal.lst`
sig_name_init=`$awk 'BEGIN { printf "\"ZERO\", " }
!/^NSIG/ { printf "\"%s\", ", $1 }
END { printf "0\n" }' signal.lst`
sig_num_init=`$awk 'BEGIN { printf "0, " }
!/^NSIG/ { printf "%d, ", $2 }
END { printf "0\n" }' signal.lst`
;;
esac
echo "The following $sig_count signals are available:"

```

```

echo " "
echo $sig_name | $awk \
'BEGIN { linelen = 0 }
{
for (i = 1; i <= NF; i++) {
name = "SIG" $i " "
linelen = linelen + length(name)
if (linelen > 70) {
printf "\n"
linelen = length(name)
}
printf "%s", name
}
printf "\n"
}'
sig_size=`echo $sig_name | awk '{print NF}'`
$rm -f signal signal.c signal.awk signal.lst signal_cmd
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/sig_name.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: orgname.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: orgname.U,v \$

?RCS: Revision 3.0.1.1 1993/09/13 16:10:25 ram

?RCS: patch10: added support for /local/src to the search (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:27 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:orgname: sed cat Myread Loc Oldconfig

?MAKE: -pick add \$@ %<

?S:orgname:

?S: This variable contains the eventual value of the ORGNAME symbol,

?S: which contains either the organization name or the full pathname

?S: of a file containing the organization name.

```

?S:.
?C:ORGNAME:
?C: This symbol contains either the organization name or the full pathname
?C: of a file containing the organization name, which the program must
?C: be prepared to open and substitute the contents of.
?C:.
?H:#define ORGNAME "$orgname" /**/
?H:.
?T:longshots xxx
: get organization name
longshots=/local/src /usr/src/new /usr/src/local /usr/local/src'
case "$orgname" in
*) if xxx=`./loc news/src/defs.h x $longshots`; then
  dflt=`sed -n 's/^.*MYORG[ ]*"(.*)"$.*/1/p' $xxx`
  else
  dflt=""
  fi
  ;;
*) dflt="$orgname";;
esac
$cat << 'EOH'

```

Please type the name of your organization as you want it to appear on the Organization line of outgoing articles. (It's nice if this also specifies your location. Your city name is probably sufficient if well known.)  
For example:

```
University of Southern North Dakota, Hoople
```

You may also put the name of a file, as long as it begins with a slash.  
For example:

```
/etc/organization
```

```
EOH
orgname=""
while test "X$orgname" = "X"; do
  rp='Organization:'
  ./myread
  orgname="$ans"
done

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/orgname.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: manfmt.U 1 2006-08-24 12:32:52Z rmanfredi $
```

?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: manfmt.U,v \$  
?RCS: Revision 3.0.1.5 1997/02/28 16:11:57 ram  
?RCS: patch61: don't ask for AFS when they choose to not install pages  
?RCS:  
?RCS: Revision 3.0.1.4 1995/09/25 09:16:52 ram  
?RCS: patch59: unit is now forced to the top of Configure, if possible  
?RCS:  
?RCS: Revision 3.0.1.3 1995/01/30 14:39:20 ram  
?RCS: patch49: new installmanfmt and AFS-lookup for formatted man pages  
?RCS: patch49: can now handle installation prefix changes (from WED)  
?RCS:  
?RCS: Revision 3.0.1.2 1994/08/29 16:30:31 ram  
?RCS: patch32: now uses installation prefix for default setting  
?RCS:  
?RCS: Revision 3.0.1.1 1993/09/13 16:09:22 ram  
?RCS: patch10: allows for L1 man page extension (WAD)  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:13 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:manfmt manfmtexp installmanfmt: Getfile Loc Oldconfig cat manext \  
package Prefixit prefixexp Prefixup afs test  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:manfmt:  
?S: This variable contains the name of the directory in which formatted  
?S: manual pages are to be put. It is the responsibility of the  
?S: Makefile.SH to get the value of this into the proper command. Note  
?S: that you may have to do ~name substitution. Use manfmtexp otherwise.  
?S:.  
?S:manfmtexp:  
?S: This is the same as the manfmt variable, but is filename expanded  
?S: at configuration time, for programs not willing to deal with it at  
?S: run-time.  
?S:.  
?S:installmanfmt:  
?S: This variable is really the same as manfmtexp, unless you are using  
?S: AFS in which case it points to the read/write location whereas  
?S: mansrcexp only points to the read-only access location. For extra

?S: portability, you should only use this variable within your makefiles.

?S:.

?LINT:change manext

?T:lookpath

: determine where manual pages go

set manfmt manfmt

eval \$prefixit

\$cat <<EOM

\$spackage has pre-formatted manual pages. If you don't want these installed, answer 'none' to the next question.

EOM

case "\$manfmt" in

")

lookpath="\$prefixexp/catman/man1 \$prefixexp/man/cat1"

lookpath="\$lookpath \$prefixexp/catman/u\_man/man1"

lookpath="\$lookpath \$prefixexp/catman/l\_man/man1"

lookpath="\$lookpath \$prefixexp/catman/cat1 /usr/catman/local/man1"

lookpath="\$lookpath /usr/catman/man1 /usr/man/cat1"

lookpath="\$lookpath /usr/catman/mann /usr/catman/l\_man/man1"

lookpath="\$lookpath /usr/catman/u\_man/man1 /usr/catman/man1"

dflt=`./loc . none \$lookpath`

set dflt

eval \$prefixup

::

\*) dflt="\$manfmt"

::

esac

fn=dn~

rp='Where do pre-formatted manual pages go?'

./getfile

if test "X\$manfmtexp" != "X\$ansexp"; then

installmanfmt="

fi

manfmt="\$ans"

manfmtexp="\$ansexp"

if \$afs && \$test "\$manfmt"; then

\$cat <<EOM

Since you are running AFS, I need to distinguish the directory in which manual pages reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

EOM

case "\$installmanfmt" in

") dflt=`echo \$manfmtexp | sed 's#~/afs/#/afs/#.^';`

\*) dflt="\$installmanfmt";;

```
esac
fn=de~
rp='Where will pre-formatted man pages be installed?'
./getfile
installmanfmt="$sans"
else
installmanfmt="$manfmtexp"
fi
```

```
case "$manfmt" in
") manext='0';;
*l) manext=l;;
*n) manext=n;;
*o) manext=l;;
*p) manext=n;;
*C) manext=C;;
*L) manext=L;;
*L1) manext=L1;;
*) manext=l;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/manfmt.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Configdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Configdir.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 14:58:36 ram
?RCS: patch61: have README explicitly mention the package name
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:49 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:Configdir: package
?MAKE: -pick add $@ %<
: create .config dir to save info across Configure sessions
test -d ../.config || mkdir ../.config
cat >../.config/README <<EOF
```

This directory created by Configure to save information that should persist across sessions for \$package.

You may safely delete it if you wish.

EOF

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Configdir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_termio.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_termio.U,v \$

?RCS: Revision 3.0.1.4 1994/10/29 16:20:54 ram

?RCS: patch36: call ./usg and ./Cpplib explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0.1.3 1994/08/29 16:26:38 ram

?RCS: patch32: don't include all three I\_\* symbols in config.h

?RCS: patch32: (had forgotten to undo this part last time)

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:25:03 ram

?RCS: patch27: undone ADO's fix in previous patch since it was useless

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:05:23 ram

?RCS: patch23: now include all three defines in config.h (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:44 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_termio i\_sgty i\_termios: test Inlibc Cpplib Guess Setvar Findhdr Warn run

?MAKE: -pick add \$@ %<

?S:i\_termio:

?S: This variable conditionally defines the I\_TERMIO symbol, which

?S: indicates to the C program that it should include <termio.h> rather

?S: than <sgty.h>.

?S:.

?S:i\_termios:

?S: This variable conditionally defines the I\_TERMIOS symbol, which

?S: indicates to the C program that the POSIX <termios.h> file is

?S: to be included.

?S:.

?S:i\_sgtty:

?S: This variable conditionally defines the I\_SGTTY symbol, which

?S: indicates to the C program that it should include <sgtty.h> rather

?S: than <termio.h>.

?S:.

?C:I\_TERMIO:

?C: This symbol, if defined, indicates that the program should include

?C: <termio.h> rather than <sgtty.h>. There are also differences in

?C: the ioctl() calls that depend on the value of this symbol.

?C:.

?C:I\_TERMIOS:

?C: This symbol, if defined, indicates that the program should include

?C: the POSIX termios.h rather than sgtty.h or termio.h.

?C: There are also differences in the ioctl() calls that depend on the

?C: value of this symbol.

?C:.

?C:I\_SGTTY:

?C: This symbol, if defined, indicates that the program should include

?C: <sgtty.h> rather than <termio.h>. There are also differences in

?C: the ioctl() calls that depend on the value of this symbol.

?C:.

?H:#\$i\_termio I\_TERMIO /\*\*/

?H:#\$i\_termios I\_TERMIOS /\*\*/

?H:#\$i\_sgtty I\_SGTTY /\*\*/

?H:.

?T:val2 val3

?LINT:set i\_termio i\_sgtty i\_termios

: see if this is a termio system

val="\$undef"

val2="\$undef"

val3="\$undef"

?X: Prefer POSIX-approved termios.h over all else

if \$test `./findhdr termios.h`; then

    set tcsetattr i\_termios

    eval \$inlibc

    val3="\$i\_termios"

fi

echo " "

case "\$val3" in

    "\$define") echo "You have POSIX termios.h... good!" >&4;;

    \*) if ./Cppsymb pyr; then

        case "\$run /bin/universe" in

ucb) if \$test `./findhdr sgtty.h`; then

    val2="\$define"

    echo "<sgtty.h> found." >&4

    else



```

echo "System is pyramid with BSD universe."
./warn "<sgtty.h> not found--you could have problems."
fi;;
*) if $test `./findhdr termio.h`; then
val="$define"
echo "<termio.h> found." >&4
else
echo "System is pyramid with USG universe."
./warn "<termio.h> not found--you could have problems."
fi;;
esac
?X: Start with USG to avoid problems if both usg/bsd was guessed
elif ./usg; then
if $test `./findhdr termio.h`; then
echo "<termio.h> found." >&4
val="$define"
elif $test `./findhdr sgtty.h`; then
echo "<sgtty.h> found." >&4
val2="$define"
else
./warn "Neither <termio.h> nor <sgtty.h> found--cross fingers!"
fi
else
if $test `./findhdr sgtty.h`; then
echo "<sgtty.h> found." >&4
val2="$define"
elif $test `./findhdr termio.h`; then
echo "<termio.h> found." >&4
val="$define"
else
./warn "Neither <sgtty.h> nor <termio.h> found--cross fingers!"
fi
fi;;
esac
set i_termio; eval $setvar
val=$val2; set i_sgtty; eval $setvar
val=$val3; set i_termios; eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_termio.U
```

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```

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?RCS:  Perl distribution).
?RCS:  Which one to use is your choice.
?RCS:  See the U/README file.
?MAKE:d_builtin_add_overflow d_builtin_sub_overflow d_builtin_mul_overflow : Compile Setvar cat run rm_try
?MAKE: -pick add $@ %<
?S:d_builtin_add_overflow:
?S: This variable conditionally defines HAS_BUILTIN_ADD_OVERFLOW, which
?S: indicates that the compiler supports __builtin_add_overflow(x,y,&z)
?S: for safely adding x and y into z while checking for overflow.
?S:.
?S:d_builtin_sub_overflow:
?S: This variable conditionally defines HAS_BUILTIN_SUB_OVERFLOW, which
?S: indicates that the compiler supports __builtin_sub_overflow(x,y,&z)
?S: for safely subtracting y from x into z while checking for overflow.
?S:.
?S:d_builtin_mul_overflow:
?S: This variable conditionally defines HAS_BUILTIN_MUL_OVERFLOW, which
?S: indicates that the compiler supports __builtin_mul_overflow(x,y,&z)
?S: for safely multiplying x and y into z while checking for overflow.
?S:.
?C:HAS_BUILTIN_ADD_OVERFLOW:
?C: This symbol, if defined, indicates that the compiler supports
?C: __builtin_add_overflow for adding integers with overflow checks.
?C:.
?C:HAS_BUILTIN_SUB_OVERFLOW:
?C: This symbol, if defined, indicates that the compiler supports
?C: __builtin_sub_overflow for subtracting integers with overflow checks.
?C:.
?C:HAS_BUILTIN_MUL_OVERFLOW:
?C: This symbol, if defined, indicates that the compiler supports
?C: __builtin_mul_overflow for multiplying integers with overflow checks.
?C:.
?H:#$d_builtin_add_overflow HAS_BUILTIN_ADD_OVERFLOW /**/
?H:#$d_builtin_sub_overflow HAS_BUILTIN_SUB_OVERFLOW /**/
?H:#$d_builtin_mul_overflow HAS_BUILTIN_MUL_OVERFLOW /**/
?H:.
?F:!try
?LINT:set d_builtin_add_overflow d_builtin_sub_overflow d_builtin_mul_overflow
: Look for GCC-style __builtin_add_overflow
case "$d_builtin_add_overflow" in
")
    echo " "
    echo "Checking whether your compiler can handle __builtin_add_overflow ..." >&4
    $cat >try.c <<'EOCP'
int main(void) {

```

```

const unsigned int uint_max = ~0u;
int target_int = 0;
if (__builtin_add_overflow(1, 2, &target_int) || target_int != 3) {
    return 1;
}
if (!__builtin_add_overflow((int)(uint_max >> 1), 1, &target_int)) {
    return 1;
}
if (!__builtin_add_overflow(uint_max, -1, &target_int)) {
    return 1;
}
return 0;
}
EOCP
set try
if eval $compile && $run ./try; then
    echo "Your C compiler supports __builtin_add_overflow."
    val="$define"
else
    echo "Your C compiler doesn't seem to understand __builtin_add_overflow."
    val="$undef"
fi
;;
*) val="$d_builtin_add_overflow" ;;
esac

set d_builtin_add_overflow
eval $setvar
$rm_try

: Look for GCC-style __builtin_sub_overflow
case "$d_builtin_sub_overflow" in
")
    echo " "
    echo "Checking whether your compiler can handle __builtin_sub_overflow ..." >&4
    $cat >try.c <<'EOCP'
int main(void) {
    const unsigned int uint_max = ~0u;
    int target_int = 0;
    if (__builtin_sub_overflow(1, -2, &target_int) || target_int != 3) {
        return 1;
    }
    if (!__builtin_sub_overflow(-(int)(uint_max >> 1), 2, &target_int)) {
        return 1;
    }
    if (!__builtin_sub_overflow(uint_max, 1, &target_int)) {
        return 1;
    }
}

```

```

    return 0;
}
EOCP
set try
if eval $compile && $run ./try; then
    echo "Your C compiler supports __builtin_sub_overflow."
    val="$define"
else
    echo "Your C compiler doesn't seem to understand __builtin_sub_overflow."
    val="$undef"
fi
;;
*) val="$d_builtin_sub_overflow" ;;
esac

set d_builtin_sub_overflow
eval $setvar
$rm_try

: Look for GCC-style __builtin_mul_overflow
case "$d_builtin_mul_overflow" in
")
    echo " "
    echo "Checking whether your compiler can handle __builtin_mul_overflow ..." >&4
    $cat >try.c <<'EOCP'
int main(void) {
    const unsigned int uint_max = ~0u;
    int target_int = 0;
    if (__builtin_mul_overflow(2, 3, &target_int) || target_int != 6) {
        return 1;
    }
    if (!__builtin_mul_overflow((int)(uint_max >> 1), 2, &target_int)) {
        return 1;
    }
    if (!__builtin_mul_overflow(uint_max, 1, &target_int)) {
        return 1;
    }
    return 0;
}
EOCP
set try
if eval $compile && $run ./try; then
    echo "Your C compiler supports __builtin_mul_overflow."
    val="$define"
else
    echo "Your C compiler doesn't seem to understand __builtin_mul_overflow."
    val="$undef"
fi

```

```
;;
*) val="$d_builtin_mul_overflow" ;;
esac
```

```
set d_builtin_mul_overflow
eval $setvar
$rm_try
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_builtin_overflow.U
```

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?RCS:

?MAKE:d\_socketmark: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_socketmark:

?S: This variable conditionally defines the HAS\_SOCKETMARK symbol, which

?S: indicates to the C program that the socketmark() routine is available.

?S:.

?C:HAS\_SOCKETMARK:

?C: This symbol, if defined, indicates that the socketmark routine is

?C: available to test whether a socket is at the out-of-band mark.

?C:.

?H:#\$d\_socketmark HAS\_SOCKETMARK /\*\*/

?H:.

?LINT:set d\_socketmark

: see if socketmark exists

set socketmark d\_socketmark

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_socketmark.U
```

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```

?RCS:
?MAKE:d_quad quadtype uquadtype quadkind: \
longsize intsize d_longlong longlongsize d_int64_t \
Inhdr Setvar
?MAKE: -pick add $@ %<
?S:d_quad:
?S: This variable, if defined, tells that there's a 64-bit integer type,
?S: quadtype.
?S:.
?S:quadtype:
?S: This variable defines Quad_t to be something like long, int,
?S: long long, int64_t, or whatever type is used for 64-bit integers.
?S:.
?S:quadkind:
?S: This variable, if defined, encodes the type of a quad:
?S: 1 = int, 2 = long, 3 = long long, 4 = int64_t.
?S:.
?S:uquadtype:
?S: This variable defines Uquad_t to be something like unsigned long,
?S: unsigned int, unsigned long long, uint64_t, or whatever type is
?S: used for 64-bit integers.
?S:.
?C:HAS_QUAD:
?C: This symbol, if defined, tells that there's a 64-bit integer type,
?C: Quad_t, and its unsigned counterpart, Uquad_t. QUADKIND will be one
?C: of QUAD_IS_INT, QUAD_IS_LONG, QUAD_IS_LONG_LONG, QUAD_IS_INT64_T,
?C: or QUAD_IS___INT64.
?C:.
?H:#$d_quad HAS_QUAD /**/
?H:?%<:#ifdef HAS_QUAD
?H:?%<:# define Quad_t $quadtype /**/
?H:?%<:# define Uquad_t $uquadtype /**/
?H:?%<:# define QUADKIND $quadkind /**/
?H:?%<:# define QUAD_IS_INT 1
?H:?%<:# define QUAD_IS_LONG 2
?H:?%<:# define QUAD_IS_LONG_LONG 3
?H:?%<:# define QUAD_IS_INT64_T 4
?H:?%<:# define QUAD_IS___INT64 5
?H:?%<:#endif
?H:.
?LINT:set quadtype
?LINT:set uquadtype
: Check if 64bit ints have a quad type
echo " "
echo "Checking which 64-bit integer type we could use..." >&4
?X: We prefer quad types in order of int, long, long long, int64_t.

case "$intsize" in

```

```

8) val=int
  set quadtype
  eval $setvar
  val="unsigned int"
  set uquadtype
  eval $setvar
  quadkind=1
  ;;
*) case "$longsize" in
  8) val=long
    set quadtype
    eval $setvar
    val="unsigned long"
    set uquadtype
    eval $setvar
    quadkind=2
    ;;
  *) case "$d_longlong:$longlongsize" in
    define:8)
      val="long long"
      set quadtype
      eval $setvar
      val="unsigned long long"
      set uquadtype
      eval $setvar
      quadkind=3
      ;;
    *) case "$d_int64_t" in
      define)
        val=int64_t
        set quadtype
        eval $setvar
        val=uint64_t
        set uquadtype
        eval $setvar
        quadkind=4
        ;;
      esac
    ;;
  esac
  ;;
esac
;;
esac
;;
esac
;;
esac

case "$quadtype" in
  *) echo "Alas, no 64-bit integer types in sight." >&4
    d_quad="$undef"

```

```
;;
*) echo "We could use '$quadtype' for 64-bit integers." >&4
d_quad="$define"
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/a_dvisory/quadtype.U
```

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```
/*
* $Id: getopt.C,v 3.0.1.1 1994/01/24 13:58:40 ram Exp ram $
*
* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
* You may redistribute only under the terms of the Artistic Licence,
* as specified in the README file that comes with the distribution.
* You may reuse parts of this distribution only within the terms of
* that same Artistic Licence; a copy of which may be found at the root
* of the source tree for dist 4.0.
*
* Original Author: unknown, got this off net.sources
*
* $Log: getopt.C,v $
* Revision 3.0.1.1 1994/01/24 13:58:40 ram
* patch16: created
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/getopt.C
```

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?RCS:

?MAKE:d\_truncl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_truncl:

?S: This variable conditionally defines the HAS\_TRUNCL symbol, which

?S: indicates to the C program that the truncl() routine is available

?S: to round long doubles towards zero. If copysignl is also present,

?S: we can emulate modfl.

?S:.

?C:HAS\_TRUNCL :

?C: This symbol, if defined, indicates that the truncl routine is



?C: available. If copysignl is also present we can emulate modfl.

?C:.

?H:#\$d\_truncl HAS\_TRUNCL /\*\*/

?H:.

?LINT:set d\_truncl

: see if truncl exists

set truncl d\_truncl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_truncl.U

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_NOFILE.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:08:38 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:39 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:nofile d\_gettblsz tablesize: Myread Guess cat +cc +ccflags +libs \  
test rm Csym

?MAKE: -pick add \$@ %<

?S:nofile:

?S: This variable contains the number of file descriptors available to the

?S: process.

?S:.

?S:d\_gettblsz:

?S: This variable conditionally handles remapping of the getdtablesize()

?S: subroutine to ulimit(4,0), or the NOFILE manifest constant.

?S:.

?S:tablesize:

?S: This variable contains either the 'NOFILE' constant or 'ulimit(4, 0L)'

?S: and is used as the remapped value for the getdtablesize() macro.

?S:.

?C:getdtablesize:

?C: This catches use of the getdtablesize() subroutine, and remaps it

```

?C: to either ulimit(4,0) or NOFILE, if getdtablesize() isn't available.
?C:.
?C:VAL_NOFILE:
?C: This symbol contains the number of file descriptors available to the
?C: process, as determined at configuration time. Unless a static constant
?C: is needed, you should rely on getdtablesize() to obtain that number.
?C:.
?H:#$d_gettblsz getdtablesize() $tablesize /**/
?H:#define VAL_NOFILE $nofile /* Number of file descriptors */
?H:.
?F:!nofile
?T:d_ulimit4 val
: see if getdtablesize exists
echo " "
?X: Revert logical value (d_gettblsz is undef iff getdtablesize is present)
case "$d_gettblsz" in
$define) d_gettblsz="$undef";;
$undef) d_gettblsz="$define";;
esac
if set getdtablesize val -f d_gettblsz; eval $csym; $val; then
echo 'getdtablesize() found.' >&4
d_gettblsz="$undef"
tablesize="
@if VAL_NOFILE || nofile
$cat >nofile.c <<'EOCP'
#include <stdio.h>
int main()
{
printf("%d\n", getdtablesize());
}
EOCP
nofile="
if $cc $ccflags -o nofile nofile.c $libs >/dev/null 2>&1; then
nofile=`./nofile 2>/dev/null`
fi
if $test "$nofile"; then
echo "(You have $nofile file descriptors available per process.)"
else
nofile='20'
if ./bsd; then
nofile='64'
fi
echo "(Hmm... Let's say you have $nofile file descriptors available.)"
fi
@end
else
echo 'getdtablesize() NOT found...' >&4
if set ulimit val -f; eval $csym; $val; then

```

```

echo 'Maybe ulimit(4,0) will work...'
$cat >nofile.c <<'EOCP'
#include <stdio.h>
#ifdef GETPARAM_H
#include <sys/param.h>
#endif
int main()
{
    printf("%d %d\n",
#ifdef NOFILE
        NOFILE,
#else
        0,
#endif
    ulimit(4,0));
    exit(0);
}
EOCP
if $cc $ccflags -DGETPARAM_H -o nofile nofile.c $libs >/dev/null 2>&1 \
    || $cc $ccflags -o nofile nofile.c $libs >/dev/null 2>&1 ; then
set `./nofile`
d_gettblsz=$1
d_ulimit4=$2
if $test "$d_ulimit4" -lt 0; then
echo "Your ulimit() call doesn't tell me what I want to know."
echo "We'll just use NOFILE in this case."
nofile=$d_gettblsz
d_gettblsz="$define"
tablesize='NOFILE'
else
if $test "$d_gettblsz" -gt 0; then
echo "Your system defines NOFILE to be $d_gettblsz, and" >&4
else
echo "I had trouble getting NOFILE from your system, but" >&4
fi
echo "ulimit returns $d_ulimit4 as the number of available file descriptors." >&4
dflt='y';
echo " "
rp='Should I use ulimit to get the number of available file descriptors?'
. ./myread
case "$ans" in
y*)
    nofile=$d_ulimit4
    d_gettblsz="$define"
    tablesize='ulimit(4, 0L)'
    echo "Using ulimit(4,0)."
;;
*)

```

```

nofile=$d_gettblsz
d_gettblsz="$define"
tablesize='NOFILE'
echo "Using NOFILE."
;;
esac
fi
else
echo "Strange, I couldn't get my test program to compile."
echo "We'll just use NOFILE in this case."
d_gettblsz="$define"
tablesize='NOFILE'
nofile=""
fi
else
echo 'Using NOFILE instead.'
d_gettblsz="$define"
tablesize='NOFILE'
nofile=""
fi
fi
@if VAL_NOFILE || nofile
case "$nofile" in
")
$cat >nofile.c <<'EOCP'
#include <stdio.h>
#ifdef GETPARAM_H
#include <sys/param.h>
#endif
int main()
{
printf("%d\n",
#ifdef NOFILE
NOFILE,
#else
0,
#endif
);
exit(0);
}
EOCP
if $cc $ccflags -DGETPARAM_H -o nofile nofile.c $libs >/dev/null 2>&1 \
|| $cc $ccflags -o nofile nofile.c $libs >/dev/null 2>&1 ; then
nofile=`./nofile 2>/dev/null`
fi
if $test "$nofile"; then
echo "(You have $nofile file descriptors available per process.)"
else

```

```

nofile='20'
if ./bsd; then
  nofile='64'
fi
echo "(Hmm... Let's say you have $nofile file descriptors available.)"
fi
;;
esac
@end
$rm -f nofile*

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_NOFILE.U
```

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?RCS:

?MAKE:d\_siginfo\_si\_errno d\_siginfo\_si\_pid d\_siginfo\_si\_uid d\_siginfo\_si\_addr d\_siginfo\_si\_status  
d\_siginfo\_si\_band d\_siginfo\_si\_value d\_siginfo\_si\_fd: d\_sigaction pidtype uidtype Hasfield\_t

?MAKE: -pick add \$@ %<

?S:d\_siginfo\_si\_errno:

?S: This variable conditionally defines the HAS\_SIGINFO\_SI\_ERRNO symbol,

?S: which indicates that the siginfo\_t struct has the si\_errno member.

?S:.

?S:d\_siginfo\_si\_pid:

?S: This variable conditionally defines the HAS\_SIGINFO\_SI\_PID symbol,

?S: which indicates that the siginfo\_t struct has the si\_pid member.

?S:.

?S:d\_siginfo\_si\_uid:

?S: This variable conditionally defines the HAS\_SIGINFO\_SI\_UID symbol,

?S: which indicates that the siginfo\_t struct has the si\_uid member.

?S:.

?S:d\_siginfo\_si\_addr:

?S: This variable conditionally defines the HAS\_SIGINFO\_SI\_ADDR symbol,

?S: which indicates that the siginfo\_t struct has the si\_addr member.

?S:.

?S:d\_siginfo\_si\_status:

?S: This variable conditionally defines the HAS\_SIGINFO\_SI\_STATUS symbol,

?S: which indicates that the siginfo\_t struct has the si\_status member.

?S:.

?S:d\_siginfo\_si\_band:

?S: This variable conditionally defines the HAS\_SIGINFO\_SI\_BAND symbol,

?S: which indicates that the siginfo\_t struct has the si\_band member.

?S:.

?S:d\_siginfo\_si\_value:  
?S: This variable conditionally defines the HAS\_SIGINFO\_SI\_VALUE symbol,  
?S: which indicates that the siginfo\_t struct has the si\_value member.  
?S:.  
?S:d\_siginfo\_si\_fd:  
?S: This variable conditionally defines the HAS\_SIGINFO\_SI\_FD symbol,  
?S: which indicates that the siginfo\_t struct has the si\_fd member.  
?S:.  
?C:HAS\_SIGINFO\_SI\_ERRNO:  
?C: This symbol, if defined, indicates that siginfo\_t has the  
?C: si\_errno member  
?C:.  
?C:HAS\_SIGINFO\_SI\_PID:  
?C: This symbol, if defined, indicates that siginfo\_t has the  
?C: si\_pid member  
?C:.  
?C:HAS\_SIGINFO\_SI\_UID:  
?C: This symbol, if defined, indicates that siginfo\_t has the  
?C: si\_uid member  
?C:.  
?C:HAS\_SIGINFO\_SI\_ADDR:  
?C: This symbol, if defined, indicates that siginfo\_t has the  
?C: si\_addr member  
?C:.  
?C:HAS\_SIGINFO\_SI\_STATUS:  
?C: This symbol, if defined, indicates that siginfo\_t has the  
?C: si\_status member  
?C:.  
?C:HAS\_SIGINFO\_SI\_BAND:  
?C: This symbol, if defined, indicates that siginfo\_t has the  
?C: si\_band member  
?C:.  
?C:HAS\_SIGINFO\_SI\_VALUE:  
?C: This symbol, if defined, indicates that siginfo\_t has the  
?C: si\_value member  
?C:.  
?C:HAS\_SIGINFO\_SI\_FD:  
?C: This symbol, if defined, indicates that siginfo\_t has the  
?C: si\_fd member  
?C:.  
?H:#\$d\_siginfo\_si\_errno HAS\_SIGINFO\_SI\_ERRNO /\*\*/  
?H:#\$d\_siginfo\_si\_pid HAS\_SIGINFO\_SI\_PID /\*\*/  
?H:#\$d\_siginfo\_si\_uid HAS\_SIGINFO\_SI\_UID /\*\*/  
?H:#\$d\_siginfo\_si\_addr HAS\_SIGINFO\_SI\_ADDR /\*\*/  
?H:#\$d\_siginfo\_si\_status HAS\_SIGINFO\_SI\_STATUS /\*\*/  
?H:#\$d\_siginfo\_si\_band HAS\_SIGINFO\_SI\_BAND /\*\*/  
?H:#\$d\_siginfo\_si\_value HAS\_SIGINFO\_SI\_VALUE /\*\*/  
?H:#\$d\_siginfo\_si\_fd HAS\_SIGINFO\_SI\_FD /\*\*/

```

?H:
: see what siginfo fields we have
case "$d_sigaction" in
"$define")
echo "Checking if your siginfo_t has si_errno field...">&4
set d_siginfo_si_errno siginfo_t int si_errno $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_pid field...">&4
set d_siginfo_si_pid siginfo_t $pidtype si_pid $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_uid field...">&4
set d_siginfo_si_uid siginfo_t $uidtype si_uid $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_addr field...">&4
set d_siginfo_si_addr siginfo_t "void *" si_addr $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_status field...">&4
set d_siginfo_si_status siginfo_t int si_status $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_band field...">&4
set d_siginfo_si_band siginfo_t long si_band $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_value field...">&4
set d_siginfo_si_value siginfo_t "union sigval" si_value $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_fd field...">&4
set d_siginfo_si_fd siginfo_t int si_fd $d_sigaction signal.h
eval $hasfield_t;

;;
*)
d_siginfo_si_errno="$undef"
d_siginfo_si_pid="$undef"
d_siginfo_si_uid="$undef"
d_siginfo_si_addr="$undef"
d_siginfo_si_status="$undef"
d_siginfo_si_band="$undef"
d_siginfo_si_value="$undef"
d_siginfo_si_fd="$undef"
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_siginfo\_si.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Csym.U,v \$

?RCS: Revision 3.0.1.4 1995/07/25 13:36:29 ram

?RCS: patch56: re-arranged compile line to include ldflags before objects

?RCS: patch56: added quotes for OS/2 support

?RCS:

?RCS: Revision 3.0.1.3 1995/05/12 12:00:33 ram

?RCS: patch54: fixed C test program to bypass gcc builtin type checks (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1994/10/31 09:34:13 ram

?RCS: patch44: added Options to the MAKE line since it's no longer in Init.U

?RCS:

?RCS: Revision 3.0.1.1 1993/08/25 14:00:05 ram

?RCS: patch6: added ldflags as a conditional dependency and to compile line

?RCS: patch6: a final double quote was missing in csym variable after eval

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:50 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:Csym: Options contains libc libs runnm +cc +ccflags +ldflags rm

?MAKE: -pick add \$@ %<

?LINT:define csym

?LINT:use libc

?S:csym:

?S: This shell variable is used internally by Configure to check

?S: whether a given C symbol is defined or not. A typical use is:

?S: set symbol result [-fva] [previous]

?S: eval \$csym

?S: That will set result to 'true' if the function [-f], variable [-v]

?S: or array [-a] is defined, 'false' otherwise. If a previous value is

?S: given and the -r flag was provided on the command line, that value

?S: is reused without questioning.

?S:.



```

?V:csym
?T:tval tx tlook tf tdc tc
: is a C symbol defined?
csym='tlook=$1;
case "$3" in
-v) tf=libc.tmp; tc=""; tdc="";;
-a) tf=libc.tmp; tc="[0]"; tdc="[]";;
*) tlook="^\$1\$"; tf=libc.list; tc=""; tdc="()";;
esac;
tx=yes;
case "$reuseval-$4" in
true-) ;;
true-*) tx=no; eval "tval=\$$4"; case "$tval" in "") tx=yes;; esac;;
esac;
case "$tx" in
yes)
case "$runnm" in
true)
if $contains $tlook $tf >/dev/null 2>&1;
then tval=true;
else tval=false;
fi;;
*)
?X:
?X: We use 'char' instead of 'int' to try to circumvent overzealous
?X: optimizing compilers using built-in prototypes for commonly used
?X: routines to complain when seeing a different external declaration. For
?X: instance, gcc 2.6.3 fails if we use 'int' and we attempt a test against
?X: memcpy() on machines where sizeof(int) == sizeof(char *) (the usual return
?X: type), the compiler assuming it's a built-in declaration given that the
?X: returned size matches. At least with 'char' we are safe! -- RAM, for ADO
?X:
?X: Let's thank GNU cc for making our lifes so easy! :-)
?X: (An alternative for the future would be to use our knowledge about gcc
?X: to force a -fno-builtin option in the compile test, in case the 'char'
?X: trick is obsoleted by future gcc releases). -- RAM
?X:
?X: Lastly, gcc 3.4 otimizes &missing == 0 away, so we use + 2 instead now.
?X: The GNU folks like to do weird things, don't they? -- RAM, 2004-06-05
?X:
echo "extern char $1$tdc; int main() { return &$1$tc + 2; }" > t.c;
if $cc $ccflags $ldflags -o t t.c $libs >/dev/null 2>&1;
then tval=true;
else tval=false;
fi;
$rm -f t t.c;;
esac;;
*)

```

```
case "$tval" in
$define) tval=true;;
*) tval=false;;
esac;;
esac;
eval "$2=$tval"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Csym.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msgget.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
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```
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_msgget.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:39 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_msgget: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_msgget:
```

```
?S: This variable conditionally defines the HAS_MSGGET symbol, which
```

```
?S: indicates to the C program that the msgget() routine is available.
```

```
?S:.
```

```
?C:HAS_MSGGET:
```

```
?C: This symbol, if defined, indicates that the msgget() routine is
```

```
?C: available to get a new message queue.
```

```
?C:.
```

```
?H:#$d_msgget HAS_MSGGET /**/
```

```
?H:.
```

```
?LINT:set d_msgget
```

```
: see if msgget exists
```

```
set msgget d_msgget
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msgget.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: patchlevel.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 16:18:41 ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:31 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:patchlevel: package baserev test rsrc
?MAKE: -pick add $@ %<
?T:Revision
?S:patchlevel:
?S: The patchlevel level of this package.
?S: The value of patchlevel comes from the patchlevel.h file.
?S:.
: get the patchlevel
echo " "
echo "Getting the current patchlevel..." >&4
if $test -r $src/patchlevel.h;then
patchlevel=`awk \
'^^#[ ]*define[ ][*]PATCHLEVEL/ {print $3}' \
< $src/patchlevel.h`
else
patchlevel=0
fi
echo "(You have $package $baserev PL$patchlevel.)"

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/patchlevel.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: installprefix.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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```

?RCS: that same Artistic License; a copy of which may be found at the root  
 ?RCS: of the source tree for dist 3.0.  
 ?RCS:  
 ?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
 ?RCS:  
 ?RCS: \$Log: installprefix.U,v \$  
 ?RCS: Revision 1.1 1999/07/08 18:32:57 doughera  
 ?RCS: Initial revision  
 ?RCS:  
 ?RCS:  
 ?MAKE:installprefix installprefixexp: Getfile Loc \  
 Oldconfig afs cat package prefix  
 ?MAKE: -pick add \$@ %<  
 ?S:installprefix:  
 ?S: This variable holds the name of the directory below which  
 ?S: "make install" will install the package. For most users, this  
 ?S: is the same as prefix. However, it is useful for  
 ?S: installing the software into a different (usually temporary)  
 ?S: location after which it can be bundled up and moved somehow  
 ?S: to the final location specified by prefix.  
 ?S:.  
 ?S:installprefixexp:  
 ?S: This variable holds the full absolute path of installprefix  
 ?S: with all ~-expansion done.  
 ?S:.  
 : determine installation prefix for where package is to be installed.  
 if \$afs; then  
 \$cat <<EOM

Since you are running AFS, I need to distinguish the directory in which files will reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```
EOM
case "$installprefix" in
  *) dflt=`echo $prefix | sed 's#^/afs/#/afs/.#`;;
  *) dflt="$installprefix";;
esac
else
$cat <<EOM
```

In some special cases, particularly when building \$package for distribution, it is convenient to distinguish the directory in which files should be installed from the directory (\$prefix) in which they will eventually reside. For most users, these two directories are the same.

```
EOM
case "$installprefix" in
```

```
) dflt=$prefix ;;
*) dflt=$installprefix;;
esac
fi
fn=d~
rp='What installation prefix should I use for installing files?'
./getfile
installprefix="$ans"
installprefixexp="$ansexp"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/installprefix.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:siteman1dir siteman1direxp installsiteman1dir: Getfile \

Setprefixvar prefix siteprefix man1dir sed

?MAKE: -pick add \$@ %<

?Y:TOP

?D:siteman1dir="

?S:siteman1dir:

?S: This variable contains the name of the directory in which site-specific

?S: manual source pages are to be put. It is the responsibility of the

?S: Makefile.SH to get the value of this into the proper command.

?S: You must be prepared to do the ~name expansion yourself.

?S: The standard distribution will put nothing in this directory.

?S: After perl has been installed, users may install their own local

?S: man1 pages in this directory with

?S: MakeMaker Makefile.PL

?S: or equivalent. See INSTALL for details.

?S:.

?D:siteman1direxp="

?S:siteman1direxp:

?S: This variable is the same as the siteman1dir variable, but is filename

?S: expanded at configuration time, for convenient use in makefiles.

?S:.

?D:installsiteman1dir="

?S:installsiteman1dir:

?S: This variable is really the same as sitemanldir, unless you are using

?S: AFS in which case it points to the read/write location whereas

?S: manldir only points to the read-only access location. For extra

?S: portability, you should only use this variable within your makefiles.

?S:.

?LINT:change prefixvar

?LINT:set installsitemanldir

?LINT:set sitemanldir

?LINT:set sitemanldir

: determine where add-on manual pages go

case "\$sitemanldir" in

") dflt=`echo \$manldir | \$sed "s#^\$prefix#\$siteprefix#"` ;;

\*) dflt=\$sitemanldir ;;

esac

case "\$dflt" in

"|' ') dflt=none ;;

esac

fn=dn+~

rp='Pathname where the site-specific manual pages should be installed?'

./getfile

prefixvar=sitemanldir

./setprefixvar

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitemanldir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fpclassl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fpclassl:

?S: This variable conditionally defines the HAS\_FPCLASSL symbol, which

?S: indicates to the C program that the fpclassl() routine is available.

?S:.

?C:HAS\_FPCLASSL:

?C: This symbol, if defined, indicates that the fpclassl routine is

?C: available to classify long doubles. Available for example in IRIX.

?C: The returned values are defined in <ieeefp.h> and are:

?C:

?C: FP\_SNAN signaling NaN

?C: FP\_QNAN quiet NaN

?C: FP\_NINF negative infinity  
?C: FP\_PINF positive infinity  
?C: FP\_NDENORM negative denormalized non-zero  
?C: FP\_PDENORM positive denormalized non-zero  
?C: FP\_NZERO negative zero  
?C: FP\_PZERO positive zero  
?C: FP\_NNORM negative normalized non-zero  
?C: FP\_PNORM positive normalized non-zero  
?C:.  
?H:#\$d\_fpclassl HAS\_FPCLASSL /\*\*/  
?H:.  
?LINT:set d\_fpclassl  
: see if fpclassl exists  
set fpclassl d\_fpclassl  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fpclassl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setsid.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_setsid.U,v \$  
?RCS: Revision 3.0.1.1 1994/01/24 14:06:49 ram  
?RCS: patch16: created  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:56 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_setsid: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_setsid:  
?S: This variable conditionally defines HAS\_SETSID if setuid() is  
?S: available to set the process group ID.  
?S:.  
?C:HAS\_SETSID:  
?C: This symbol, if defined, indicates that the setuid routine is  
?C: available to set the process group ID.  
?C:.

?H:#\$d\_setsid HAS\_SETSID /\*\*/

?H:.

?LINT:set d\_setsid

: see if setsid exists

set setsid d\_setsid

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setsid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysdir.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_sysdir.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:22:30 ram

?RCS: patch32: fixed typo in I\_SYS\_DIR symbol name

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:30 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i\_sysdir: Inhdr

?MAKE:-pick add \$@ %<

?S:i\_sysdir:

?S: This variable conditionally defines the I\_SYS\_DIR symbol, and indicates

?S: whether a C program should include <sys/dir.h>.

?S:.

?C:I\_SYS\_DIR (I\_SYSDIR):

?C: This symbol, if defined, indicates to the C program that it should

?C: include <sys/dir.h>.

?C:.

?H:#\$i\_sysdir I\_SYS\_DIR /\*\*/

?H:.

?LINT:set i\_sysdir

: see if this is an sysdir system

set sys/dir.h i\_sysdir

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-



5.30.0/dist/U/i\_sysdir.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endgrent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_endgrent_r endgrent_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_grp extern_C
?MAKE: -pick add $@ %<
?S:d_endgrent_r:
?S: This variable conditionally defines the HAS_ENDGRENT_R symbol,
?S: which indicates to the C program that the endgrent_r()
?S: routine is available.
?S:.
?S:endgrent_r_proto:
?S: This variable encodes the prototype of endgrent_r.
?S: It is zero if d_endgrent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endgrent_r
?S: is defined.
?S:.
?C:HAS_ENDGRENT_R:
?C: This symbol, if defined, indicates that the endgrent_r routine
?C: is available to endgrent re-entrantly.
?C:.
?C:ENDGRENT_R_PROTO:
?C: This symbol encodes the prototype of endgrent_r.
?C: It is zero if d_endgrent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endgrent_r
?C: is defined.
?C:.
?H:#$d_endgrent_r HAS_ENDGRENT_R /**/
?H:#define ENDGRENT_R_PROTO $endgrent_r_proto /**/
?H:.
?T:try hdrs d_endgrent_r_proto
: see if endgrent_r exists
set endgrent_r d_endgrent_r
eval $inlibc
case "$d_endgrent_r" in
"$define")
  hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"
  case "$d_endgrent_r_proto:$usethreads" in
  ":define") d_endgrent_r_proto=define
  set d_endgrent_r_proto endgrent_r $hdrs
```

```

eval $hasproto ;;
*) ;;
esac
case "$d_endgrent_r_proto" in
define)
case "$endgrent_r_proto" in
"|0) try='int endgrent_r(FILE**);'
./protochk "$extern_C $try" $hdrs && endgrent_r_proto=I_H ;;
esac
case "$endgrent_r_proto" in
"|0) try='void endgrent_r(FILE**);'
./protochk "$extern_C $try" $hdrs && endgrent_r_proto=V_H ;;
esac
case "$endgrent_r_proto" in
"|0) d_endgrent_r=undef
endgrent_r_proto=0
echo "Disabling endgrent_r, cannot determine prototype." >&4 ;;
* ) case "$endgrent_r_proto" in
REENTRANT_PROTO*) ;;
*) endgrent_r_proto="REENTRANT_PROTO_$endgrent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "endgrent_r has no prototype, not using it." >&4 ;;
esac
d_endgrent_r=undef
endgrent_r_proto=0
;;
esac
;;
*) endgrent_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endgrent_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setpgrp2.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_setpgrp2.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:10 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_setpgrp2: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_setpgrp2:  
?S: This variable conditionally defines the HAS\_SETPGRP2 symbol, which  
?S: indicates to the C program that the setpgrp2() (as in DG/UX) routine  
?S: is available to set the current process group.  
?S:.  
?C:HAS\_SETPGRP2 (SETPGRP2):  
?C: This symbol, if defined, indicates that the setpgrp2() (as in DG/UX)  
?C: routine is available to set the current process group.  
?C:.  
?H:#\$d\_setpgrp2 HAS\_SETPGRP2 /\*\*/  
?H:.  
?LINT:set d\_setpgrp2  
: see if setpgrp2 exists  
set setpgrp2 d\_setpgrp2  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setpgrp2.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: Guess.U,v \$  
?RCS: Revision 3.0.1.5 1995/07/25 13:37:14 ram  
?RCS: patch56: now knows about OS/2 platforms  
?RCS:  
?RCS: Revision 3.0.1.4 1994/10/29 15:53:55 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS: patch36: call ./xenix explicitly instead of relying on PATH  
?RCS:

?RCS: Revision 3.0.1.3 1993/12/15 08:14:35 ram  
?RCS: patch15: variable d\_bsd was not always set properly  
?RCS:  
?RCS: Revision 3.0.1.2 1993/08/30 08:57:14 ram  
?RCS: patch8: fixed comment which wrongly attributed the usrinc symbol  
?RCS: patch8: no more ugly messages when no /usr/include/ctype.h  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/27 14:37:37 ram  
?RCS: patch7: added support for OSF/1 machines  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:04:57 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit hazards some guesses as to what the general nature of the system  
?X: is. The information it collects here is used primarily to establish default  
?X: answers to other questions.  
?X:  
?MAKE:Guess d\_eunice d\_xenix d\_bsd d\_linux d\_dos d\_os2: cat test echo n c \  
contains rm tr Loc eunicefix  
?MAKE: -pick add \$@ %<  
?S:d\_eunice:  
?S: This variable conditionally defines the symbols EUNICE\_SYSTEM, which  
?S: alerts the C program that it must deal with ideosyncracies of VMS.  
?S:.  
?S:d\_xenix:  
?S: This variable conditionally defines the symbol XENIX\_SYSTEM, which alerts  
?S: the C program that it runs under Xenix.  
?S:.  
?S:d\_dos:  
?S: This symbol conditionally defines the symbol DOS\_SYSTEM when running on  
?S: DOS with DJGPP or Cygwin.  
?S:.  
?S:d\_os2:  
?S: This symbol conditionally defines the symbol OS2\_SYSTEM when running on  
?S: an OS/2 system.  
?S:.  
?S:d\_bsd:  
?S: This symbol conditionally defines the symbol BSD\_SYSTEM when running on a  
?S: BSD system.  
?S:.  
?S:d\_linux:  
?S: This symbol conditionally defines the symbol LINUX\_SYSTEM when running  
?S: on a Linux system.  
?S:.  
?C:EUNICE\_SYSTEM (EUNICE):  
?C: This symbol, if defined, indicates that the program is being compiled  
?C: under the EUNICE package under VMS. The program will need to handle

?C: things like files that don't go away the first time you unlink them,  
?C: due to version numbering. It will also need to compensate for lack  
?C: of a respectable link() command.  
?C:.  
?C:VMS\_SYSTEM (VMS):  
?C: This symbol, if defined, indicates that the program is running under  
?C: VMS. It is currently only set in conjunction with the EUNICE symbol.  
?C:.  
?C:XENIX\_SYSTEM (XENIX):  
?C: This symbol, if defined, indicates that the program is running under  
?C: Xenix (at least 3.0 ?).  
?C:.  
?C:DOS\_SYSTEM:  
?C: This symbol, if defined, indicates that the program is running under  
?C: DOS with DJGPP.  
?C:.  
?C:OS2\_SYSTEM:  
?C: This symbol, if defined, indicates that the program is running under  
?C: an OS/2 system.  
?C:.  
?C:BSD\_SYSTEM:  
?C: This symbol, if defined, indicates that the program is running under  
?C: a BSD system.  
?C:.  
?C:LINUX\_SYSTEM:  
?C: This symbol, if defined, indicates that the program is running under  
?C: a Linux system.  
?C:.  
?H:#\$d\_eunice EUNICE\_SYSTEM /\*\*/  
?H:#\$d\_eunice VMS\_SYSTEM /\*\*/  
?H:#\$d\_xenix XENIX\_SYSTEM /\*\*/  
?H:#\$d\_dos DOS\_SYSTEM /\*\*/  
?H:#\$d\_os2 OS2\_SYSTEM /\*\*/  
?H:#\$d\_bsd BSD\_SYSTEM /\*\*/  
?H:#\$d\_linux LINUX\_SYSTEM /\*\*/  
?H:.  
?F:./bsd ./usg ./v7 ./osf1 ./eunice ./xenix ./venix ./dos ./os2 ./gnu ./linux  
?T:xxx DJGPP MACHTYPE  
: make some quick guesses about what we are up against  
echo " "  
\$echo \$n "Hmm... \$c"  
echo exit 1 >bsd  
echo exit 1 >usg  
echo exit 1 >v7  
echo exit 1 >osf1  
echo exit 1 >eunice  
echo exit 1 >xenix  
echo exit 1 >venix

```

echo exit 1 >os2
echo exit 1 >gnu
echo exit 1 >linux
echo exit 1 >dos
d_bsd="$undef"
d_linux="$undef"
d_dos="$undef"
d_os2="$undef"
?X:
?X: Do not use 'usrinc', or we get a circular dependency. because
?X: usrinc is defined in usrinc.U, which relies on us...
?X:
$cat /usr/include/signal.h /usr/include/sys/signal.h >foo 2>/dev/null
if test -f /osf_boot || $contains 'OSF/1' /usr/include/ctype.h >/dev/null 2>&1
then
echo "Looks kind of like an OSF/1 system, but we'll see..."
echo exit 0 >osf1
elif test `echo abc | $tr a-z A-Z` = Abc ; then
xxx=`./loc addbib blurfl $pth`
if $test -f $xxx; then
echo "Looks kind of like a USG system with BSD features, but we'll see..."
echo exit 0 >bsd
echo exit 0 >usg
else
if $contains SIGTSTP foo >/dev/null 2>&1 ; then
echo "Looks kind of like an extended USG system, but we'll see..."
else
echo "Looks kind of like a USG system, but we'll see..."
fi
echo exit 0 >usg
fi
elif $contains SIGTSTP foo >/dev/null 2>&1 ; then
echo "Looks kind of like a BSD system, but we'll see..."
d_bsd="$define"
echo exit 0 >bsd
elif
$rm --version 2>/dev/null >foo;
$contains "Free Software Foundation" foo >/dev/null
then
xxx=`uname`
echo exit 0 >gnu
echo "Looks kind of like a GNU/$xxx system, but we'll see..."
if $test X$xxx = XLinux; then
d_linux="$define"
echo exit 0 >linux
fi
else
echo "Looks kind of like a Version 7 system, but we'll see..."

```

```

echo exit 0 >v7
fi
case "$eunicefix" in
*unixtovms*)
$cat <<'EOI'
There is, however, a strange, musty smell in the air that reminds me of
something...hmm...yes...I've got it...there's a VMS nearby, or I'm a Blit.
EOI
echo exit 0 >eunice
d_eunice="$define"
: it so happens the Eunice I know will not run shell scripts in Unix format
;;
*)
echo " "
echo "Congratulations. You aren't running Eunice."
d_eunice="$undef"
;;
esac
case "$p_" in
:) ;;
*)
$cat <<'EOI'
I have the feeling something is not exactly right, however...don't tell me...
EOI
if test -n "$DJGPP"; then
case "X${MACHTYPE:-nonesuchmach}" in
cygwin) echo "hah!... you're running under Cygwin!";;
*) echo "got it... you're running DOS with DJGPP!";;
esac
echo exit 0 >dos
d_dos="$define"
else
$cat <<'EOI'
lemme think...does HAL ring a bell?...no, of course, you're only running OS/2!
EOI
echo exit 0 >os2
d_os2="$define"
fi
;;
esac
if test -f /xenix; then
echo "Actually, this looks more like a XENIX system..."
echo exit 0 >xenix
d_xenix="$define"
else
echo " "
echo "It's not Xenix..."
d_xenix="$undef"

```

```

fi
chmod +x xenix
$eunicefix xenix
if test -f /venix; then
  echo "Actually, this looks more like a VENIX system..."
  echo exit 0 >venix
else
  echo " "
  if ./xenix; then
    : null
  else
    echo "Nor is it Venix..."
  fi
fi
fi
chmod +x bsd usg v7 osf1 eunice xenix venix dos os2 gnu linux
$eunicefix bsd usg v7 osf1 eunice xenix venix dos os2 gnu linux
$rm -f foo

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Guess.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_sethent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d\_sethent.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_sethent: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_sethent:

?S: This variable conditionally defines HAS\_SETHOSTENT if sethostent() is

?S: available.

?S:.

?C:HAS\_SETHOSTENT:

?C: This symbol, if defined, indicates that the sethostent() routine is

?C: available.

?C:.

?H:#\$d\_sethent HAS\_SETHOSTENT /\*\*/



```
?H:
?LINT:set d_sethent
: see if sethostent exists
set sethostent d_sethent
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_sethent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_shadow.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:i_prot: Inhdr Hasfield
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_prot:
```

```
?S: This variable conditionally defines the I_PROT symbol, and indicates
```

```
?S: whether a C program should include <prot.h>.
```

```
?S:.
```

```
?C:I_PROT:
```

```
?C: This symbol, if defined, indicates that <prot.h> exists and
```

```
?C: should be included.
```

```
?C:.
```

```
?H:#$i_prot I_PROT /**/
```

```
?H:.
```

```
?LINT:set i_prot
```

```
: see if this is a prot.h system
```

```
set prot.h i_prot
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_prot.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_lrint: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_lrint:
```

```
?S: This variable conditionally defines the HAS_LRINT symbol, which
```

```
?S: indicates to the C program that the lrint() routine is available
```

?S: to return the integral value closest to a double (according

?S: to the current rounding mode).

?S:.

?C:HAS\_LRINT:

?C: This symbol, if defined, indicates that the lrint routine is

?C: available to return the integral value closest to a double

?C: (according to the current rounding mode).

?C:.

?H:#\$d\_lrint HAS\_LRINT /\*\*/

?H:.

?LINT:set d\_lrint

: see if lrint exists

set lrint d\_lrint

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_lrint.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: startsh.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: startsh.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:25:31 ram

?RCS: patch61: avoid needless chatter since this is now done very early

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:51 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:startsh: sh sharpbang eunicefix

?MAKE: -pick add \$@ %<

?S:startsh:

?S: This variable contains the string to put on the front of a shell

?S: script to make sure (hopefully) that it runs with sh and not some

?S: other shell.

?S:.

?F:!sharp

: figure out how to guarantee sh startup

?X: Avoid needless chatter since this is now done very early.

?X: echo " "

```

?X: echo "Checking out how to guarantee sh startup..." >&2
case "$startsh" in
*) startsh=${sharpbang}${sh} ;;
*)
?X: echo "Let's see if '$startsh' works..." ;;
esac
cat >sharp <<EOSS
$startsh
set abc
test "$?abc" != 1
EOSS

chmod +x sharp
$unicefix sharp
if ./sharp; then
: echo "Yup, it does."
else
echo "Hmm... '$startsh' does not guarantee sh startup..."
echo "You may have to fix up the shell scripts to make sure $sh runs them."
fi
rm -f sharp

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/startsh.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_nl\_langinfo: Inlibc i\_langinfo

?MAKE: -pick add \$@ %<

?S:d\_nl\_langinfo:

?S: This variable conditionally defines the HAS\_NL\_LANGINFO symbol, which

?S: indicates to the C program that the nl\_langinfo() routine is available.

?S:.

?C:HAS\_NL\_LANGINFO:

?C: This symbol, if defined, indicates that the nl\_langinfo routine is

?C: available to return local data. You will also need <langinfo.h>

?C: and therefore I\_LANGINFO.

?C:.

?H:#\$d\_nl\_langinfo HAS\_NL\_LANGINFO /\*\*/

?H:.

?LINT:set d\_nl\_langinfo

```
?LINT:use i_langinfo
: see if nl_langinfo exists
set nl_langinfo d_nl_langinfo
eval $nlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nl_langinfo.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Extract.U,v 3.0.1.2 1997/02/28 14:58:52 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
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```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: Extract.U,v $
```

```
?RCS: Revision 3.0.1.2 1997/02/28 14:58:52 ram
```

```
?RCS: patch61: added support for src.U
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/10/29 15:51:46 ram
```

```
?RCS: patch36: added ?F: line for metalint file checking
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:04:52 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: This unit produces a shell script which can be doted in order to extract
```

```
?X: .SH files with variable substitutions.
```

```
?X:
```

```
?X: When running Configure from a remote directory ($src is not '.'),
```

```
?X: then the files will be created in that directory, so beware!
```

```
?X:
```

```
?MAKE:Extract: src
```

```
?MAKE: -pick add $@ %<
```

```
?F:./extract
```

```
?T:PERL_CONFIG_SH dir file name create mkdir_p
```

```
: script used to extract .SH files with variable substitutions
```

```
cat >extract <<'EOS'
```

```
PERL_CONFIG_SH=true
```

```
echo "Doing variable substitutions on .SH files..."
```

```
if test -f MANIFEST; then
```

```
set x `awk '{print $1}' < MANIFEST | grep \.SH$`
```

```
else
```

```

echo "(Looking for .SH files under the source directory.)"
set x `(cd "$src"; find . -name "*.SH" -print)`
fi
shift
case $# in
0) set x `(cd "$src"; echo *.SH)`; shift;;
esac
if test ! -f "$src/$1"; then
  shift
fi
?X: script to emulate mkdir -p
mkdir_p='
name=$1;
create="";
while test $name; do
if test ! -d "$name"; then
  create="$name $create";
  name=`echo $name | sed -e "s|^[^/]*$||"`;
  name=`echo $name | sed -e "s|(.*).*/.*|1|"`;
else
  name="";
fi;
done;
for file in $create; do
  mkdir $file;
done
'
for file in $*; do
case "$src" in
".")
case "$file" in
*/*)
dir=`expr X$file : 'X\(.*)/'`
file=`expr X$file : 'X.*\^(.*)'`
(cd "$dir" && ./$file)
;;
*)
./$file
;;
esac
;;
*)
?X:
?X: When running Configure remotely ($src is not '.'), we cannot source
?X: the files directly, since that would wrongly cause the extraction
?X: where the source lie instead of withing the current directory. Therefore,
?X: we need to 'sh <file' then, which is okay since they will source the
?X: existing config.sh file. It's not possible to use:

```

?X: ../src/Configure -S -O -Dsomething  
?X: unfortunately since no new config.sh with the -Dsomething override  
?X: will be created before running the .SH files. A minor buglet.  
?X:  
?X: Note that we must create the directory hierarchy ourselves if it does  
?X: not exist already, and that is done through a shell emulation of the  
?X: 'mkdir -p' command. We don't want to use the \$installdir metaconfig  
?X: symbol here since that would require too much to be configured for  
?X: this simple extraction task that may happen quickly with 'Configure -S'.  
?X: -- RAM, 18/03/96

```
?X:
case "$file" in
*/*)
  dir=`expr X$file : 'X\(.*)/'`
  file=`expr X$file : 'X.*\^(.*)'`
  (set x $dir; shift; eval $mkdir_p)
  sh <"$src/$dir/$file"
  ;;
*)
  sh <"$src/$file"
  ;;
esac
;;
esac
done
if test -f "$src/config_h.SH"; then
if test ! -f config.h; then
: oops, they left it out of MANIFEST, probably, so do it anyway.
. "$src/config_h.SH"
fi
fi
EOS
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Extract.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_htonl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
```

```

?RCS: $Log: d_htonl.U,v $
?RCS: Revision 3.0.1.2 1994/08/29 16:09:25 ram
?RCS: patch32: now properly handles htonl() and friends when macros (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:45:00 ram
?RCS: patch23: now also check for htonl() macro (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:22 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_htonl: Inlibc Setvar i_niin i_sysin i_arpainet cat rm contains \
cppstdin cppflags cppminus
?MAKE: -pick add $@ %<
?S:d_htonl:
?S: This variable conditionally defines HAS_HTONL if htonl() and its
?S: friends are available to do network order byte swapping.
?S:.
?C:HAS_HTONL (HTONL):
?C: This symbol, if defined, indicates that the htonl() routine (and
?C: friends htons() ntohl() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_HTONS (HTONS):
?C: This symbol, if defined, indicates that the htons() routine (and
?C: friends htonl() ntohl() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_NTOHL (NTOHL):
?C: This symbol, if defined, indicates that the ntohl() routine (and
?C: friends htonl() htons() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_NTOHS (NTOHS):
?C: This symbol, if defined, indicates that the ntohs() routine (and
?C: friends htonl() htons() ntohl()) are available to do network
?C: order byte swapping.
?C:.
?H:#$d_htonl HAS_HTONL /**/
?H:#$d_htonl HAS_HTONS /**/
?H:#$d_htonl HAS_NTOHL /**/
?H:#$d_htonl HAS_NTOHS /**/
?H:.
?F:!htonl.c
?LINT:set d_htonl
: see if htonl --and friends-- exists
val="
set htonl val
eval $inlibc

```

```

: Maybe they are macros.
case "$val" in
$undef)
$cat >htonl.c <<EOM
#include <stdio.h>
#include <sys/types.h>
#$i_niin I_NETINET_IN
#$i_sysin I_SYS_IN
#$i_arpainet I_ARPA_INET
#ifdef I_NETINET_IN
#include <netinet/in.h>
#endif
#ifdef I_SYS_IN
#include <sys/in.h>
#endif
#ifdef I_ARPA_INET
#include <arpa/inet.h>
#endif
#ifdef htonl
printf("Defined as a macro.");
#endif
EOM
$cpptest $cpptest $cpptest < htonl.c >htonl.E 2>/dev/null
if $contains 'Defined as a macro' htonl.E >/dev/null 2>&1; then
val="$define"
echo "But it seems to be defined as a macro." >&4
fi
$rm -f htonl.?
;;
esac
set d_htonl
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_htonl.U
```

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?RCS: \$Id\$

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```

?RCS:
?MAKE:d_flockproto: Hasproto i_sysfile
?MAKE: -pick add $@ %<
?S:d_flockproto:
?S: This variable conditionally defines the HAS_FLOCK_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the flock() function. Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_FLOCK_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the flock() function. Otherwise, it is up
?C: to the program to supply one. A good guess is
?C: extern int flock(int, int);
?C:.
?H:#$d_flockproto HAS_FLOCK_PROTO /**/
?H:.
?LINT:set d_flockproto
: see if prototype for flock is available
echo " "
set d_flockproto flock $i_sysfile sys/file.h
eval $hasproto

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_flockproto.U

```

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```

?RCS: $Id: d_setgrent.U,v $
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_setgrent.U,v $
?RCS:
?MAKE:d_setgrent: Inlibc
?MAKE: -pick add $@ %<
?S:d_setgrent:
?S: This variable conditionally defines the HAS_SETGRENТ symbol, which
?S: indicates to the C program that the setgrent() routine is available
?S: for initializing sequential access to the group database.
?S:.
?C:HAS_SETGRENТ:
?C: This symbol, if defined, indicates that the setgrent routine is
?C: available for initializing sequential access of the group database.
?C:.

```

?H:#\$d\_setgrent HAS\_SETGRENТ /\*\*/

?H:.

?LINT:set d\_setgrent

: see if setgrent exists

set setgrent d\_setgrent

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_setgrent.U

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?RCS:

?RCS: \$Log: d\_statblks.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:29 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_statblks: contains Setvar Findhdr

?MAKE: -pick add \$@ %<

?S:d\_statblks:

?S: This variable conditionally defines USE\_STAT\_BLOCKS if this system

?S: has a stat structure declaring st\_blksize and st\_blocks.

?S:.

?C:USE\_STAT\_BLOCKS (STATBLOCKS):

?C: This symbol is defined if this system has a stat structure declaring

?C: st\_blksize and st\_blocks.

?C:.

?H:#\$d\_statblks USE\_STAT\_BLOCKS /\*\*/

?H:.

?T:xxx

?LINT:set d\_statblks

: see if stat knows about block sizes

echo " "

xxx=`./findhdr sys/stat.h`

if \$contains 'st\_blocks;' "\$xxx" >/dev/null 2>&1 ; then

if \$contains 'st\_blksize;' "\$xxx" >/dev/null 2>&1 ; then

echo "Your stat() knows about block sizes." >&4

val="\$define"

else

```
echo "Your stat() doesn't know about block sizes." >&4
val="$undef"
fi
else
echo "Your stat() doesn't know about block sizes." >&4
val="$undef"
fi
set d_statblks
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_statblks.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Obsol_h.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
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```

```
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```

```
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Obsol_h.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:05:11 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: This file is prepended to .MT/Obsol_h if that file is not empty. That file
```

```
?X: contains the necessary mappings of new symbols to obsolete ones.
```

```
?X:
```

```
?MAKE:Obsol_h:
```

```
?MAKE: -pick prepend $@ ./Obsol_h
```

```
?LINT:nocomment
```

```
/*
```

```
* The following symbols are obsolete. They are mapped to the the new
```

```
* symbols only to ease the transition process. The sources should be
```

```
* updated so as to use the new symbols only, as the support for these
```

```
* obsolete symbols may end without notice.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Obsol_h.U
```

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?RCS: \$Id: yacc.U,v 3.0.1.1 1994/05/13 15:28:48 ram Exp \$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: yacc.U,v \$

?RCS: Revision 3.0.1.1 1994/05/13 15:28:48 ram

?RCS: patch27: added byacc as another alternative (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:10:03 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:yacc yaccflags: Guess Myread Oldconfig byacc bison cat test \_exe

?MAKE: -pick add \$@ %<

?S:yacc:

?S: This variable holds the name of the compiler compiler we  
?S: want to use in the Makefile. It can be yacc, byacc, or bison -y.

?S:.

?S:yaccflags:

?S: This variable contains any additional yacc flags desired by the  
?S: user. It is up to the Makefile to use this.

?S:.

?T:comp

: determine compiler compiler

case "\$yacc" in

)

dflt=yacc;;

\*)

dflt="\$yacc";;

esac

echo " "

comp='yacc'

if \$test -f "\$byacc\$\_exe"; then

dflt="\$byacc"

comp="byacc or \$comp"

fi

if \$test -f "\$bison\$\_exe"; then

comp="\$comp or bison -y"

fi

rp="Which compiler compiler (\$comp) shall I use?"

./myread

yacc="\$ans"

case "\$yacc" in

```

*bis*)
case "$yacc" in
*-y*) ;;
*)
yacc="$yacc -y"
echo "(Adding -y option to bison to get yacc-compatible behavior.)"
;;
esac
;;
esac

```

```

@if yaccflags
: see if we need extra yacc flags
dflt="$yaccflags"
case "$dflt" in
") dflt=none;;
esac
$cat <<EOH

```

Your yacc program may need extra flags to normally process the parser sources. Do NOT specify any -d or -v flags here, since those are explicitly known by the various Makefiles. However, if your machine has strange/undocumented options (like -Sr# on SCO to specify the maximum number of grammar rules), then please add them here. To use no flags, specify the word "none".

```

EOH
rp="Any additional yacc flags?"
./myread
case "$ans" in
none) yaccflags="";;
*) yaccflags="$ans";;
esac

```

```
@end
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/yacc.U
```

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```

?RCS: $Id: d_getprotoent_r.U,v 0RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:

```

```

?MAKE:d_getprotoent_r getprotoent_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getprotoent_r:
?S: This variable conditionally defines the HAS_GETPROTOENT_R symbol,
?S: which indicates to the C program that the getprotoent_r()
?S: routine is available.
?S:.
?S:getprotoent_r_proto:
?S: This variable encodes the prototype of getprotoent_r.
?S: It is zero if d_getprotoent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotoent_r
?S: is defined.
?S:.
?C:HAS_GETPROTOENT_R:
?C: This symbol, if defined, indicates that the getprotoent_r routine
?C: is available to getprotoent re-entrantly.
?C:.
?C:GETPROTOENT_R_PROTO:
?C: This symbol encodes the prototype of getprotoent_r.
?C: It is zero if d_getprotoent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotoent_r
?C: is defined.
?C:.
?H:#$d_getprotoent_r HAS_GETPROTOENT_R /**/
?H:#define GETPROTOENT_R_PROTO $getprotoent_r_proto /**/
?H:.
?T:try hdrs d_getprotoent_r_proto
: see if getprotoent_r exists
set getprotoent_r d_getprotoent_r
eval $inlibc
case "$d_getprotoent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getprotoent_r_proto:$usethreads" in
":define") d_getprotoent_r_proto=define
set d_getprotoent_r_proto getprotoent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getprotoent_r_proto" in
define)
case "$getprotoent_r_proto" in
"|0) try='int getprotoent_r(struct protoent*, char*, size_t, struct protoent**);'
./protochk "$extern_C $try" $hdrs && getprotoent_r_proto=I_SBWR ;;
esac
case "$getprotoent_r_proto" in
"|0) try='int getprotoent_r(struct protoent*, char*, int);'

```

```

./prochck "$extern_C $try" $hdrs && getprotoent_r_proto=L_SBI ;;
esac
case "$getprotoent_r_proto" in
"|0) try='struct protoent* getprotoent_r(struct protoent*, char*, int);'
./prochck "$extern_C $try" $hdrs && getprotoent_r_proto=S_SBI ;;
esac
case "$getprotoent_r_proto" in
"|0) try='int getprotoent_r(struct protoent*, struct protoent_data*);'
./prochck "$extern_C $try" $hdrs && getprotoent_r_proto=L_SD ;;
esac
case "$getprotoent_r_proto" in
"|0) d_getprotoent_r=undef
getprotoent_r_proto=0
echo "Disabling getprotoent_r, cannot determine prototype." >&4 ;;
*) case "$getprotoent_r_proto" in
REENTRANT_PROTO*) ;;
*) getprotoent_r_proto="REENTRANT_PROTO_${getprotoent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "getprotoent_r has no prototype, not using it." >&4 ;;
esac
d_getprotoent_r=undef
getprotoent_r_proto=0
;;
esac
;;
*) getprotoent_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_getprotoent\_r.U

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?RCS:

```

?MAKE:fflushNULL fflushall: Compile cat rm rm_try test osname run to from \
Oldconfig Myread Setvar echo targethost \
d_sysconf i_unistd d_stdio_stream_array stdio_stream_array i_stdlib
?MAKE: -pick add $@ %<
?S:fflushNULL:
?S: This symbol, if defined, tells that fflush(NULL) correctly
?S: flushes all pending stdio output without side effects. In
?S: particular, on some platforms calling fflush(NULL) *still*
?S: corrupts STDIN if it is a pipe.
?S:.
?S:fflushall:
?S: This symbol, if defined, tells that to flush
?S: all pending stdio output one must loop through all
?S: the stdio file handles stored in an array and fflush them.
?S: Note that if fflushNULL is defined, fflushall will not
?S: even be probed for and will be left undefined.
?S:.
?C:FFLUSH_NULL:
?C: This symbol, if defined, tells that fflush(NULL) correctly
?C: flushes all pending stdio output without side effects. In
?C: particular, on some platforms calling fflush(NULL) *still*
?C: corrupts STDIN if it is a pipe.
?C:.
?C:FFLUSH_ALL:
?C: This symbol, if defined, tells that to flush
?C: all pending stdio output one must loop through all
?C: the stdio file handles stored in an array and fflush them.
?C: Note that if fflushNULL is defined, fflushall will not
?C: even be probed for and will be left undefined.
?C:.
?H:#$fflushNULL FFLUSH_NULL /**/
?H:#$fflushall FFLUSH_ALL /**/
?H:.
?T:output code
?F:!try.out !try !tryp
: Check how to flush
echo " "
$cat >&4 <<EOM
Checking how to flush all pending stdio output...
EOM
# I only know how to find the first 32 possibly open files on SunOS.
# See also hints/sunos_4_1.sh and util.c --AD
case "$osname" in
sunos) $echo '#define PERL_FFLUSH_ALL_FOPEN_MAX 32' > try.c ;;
esac
$cat >>try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB

```



```

#ifdef I_STDLIB
#include <stdlib.h>
#endif
#ifdef I_UNISTD
#include <unistd.h>
#endif
#ifdef HAS_SYSCONF
#define HAS_SYSCONF
#endif
#ifdef HAS_STDIO_STREAM_ARRAY
#define HAS_STDIO_STREAM_ARRAY
#endif
#define STDIO_STREAM_ARRAY $stdio_stream_array
#endif
int main() {
FILE* p;
unlink("try.out");
p = fopen("try.out", "w");
#ifdef TRY_FPUTC
fputc('x', p);
#else
#ifdef TRY_FPRINTF
fprintf(p, "x");
#endif
#endif
#ifdef TRY_FFLUSH_NULL
fflush(NULL);
#endif
#ifdef TRY_FFLUSH_ALL
{
long open_max = -1;
#ifdef PERL_FFLUSH_ALL_FOPEN_MAX
open_max = PERL_FFLUSH_ALL_FOPEN_MAX;
#else
#ifdef HAS_SYSCONF && defined(_SC_OPEN_MAX)
open_max = sysconf(_SC_OPEN_MAX);
#else
#ifdef FOPEN_MAX
open_max = FOPEN_MAX;
#else
#ifdef OPEN_MAX
open_max = OPEN_MAX;
#else
#ifdef _NFILE
open_max = _NFILE;
#endif
#endif
#endif
#endif
#endif
}
#endif
}

```

```

# ifdef HAS_STDIO_STREAM_ARRAY
  if (open_max > 0) {
    long i;
    for (i = 0; i < open_max; i++)
      if (STDIO_STREAM_ARRAY[i]._file >= 0 &&
          STDIO_STREAM_ARRAY[i]._file < open_max &&
          STDIO_STREAM_ARRAY[i]._flag)
        fflush(&STDIO_STREAM_ARRAY[i]);
  }
}
# endif
#endif
_exit(42);
}
EOCP
: first we have to find out how _not_ to flush
$to try.c
if $test "X$fflushNULL" = X -o "X$fflushall" = X; then
  output="
  set try -DTRY_FPUTC
  if eval $compile; then
    $run ./try 2>/dev/null
    code="$?"
    $from try.out
    if $test ! -s try.out -a "X$code" = X42; then
output=-DTRY_FPUTC
    fi
  fi
  case "$output" in
  ")
    set try -DTRY_FPRINTF
    if eval $compile; then
      $run ./try 2>/dev/null
      code="$?"
      $from try.out
      if $test ! -s try.out -a "X$code" = X42; then
output=-DTRY_FPRINTF
      fi
    fi
  ;;
  esac
fi
: check for fflush NULL behavior
case "$fflushNULL" in
") set try -DTRY_FFLUSH_NULL $output
  if eval $compile; then
    $run ./try 2>/dev/null
    code="$?"

```

```

$from try.out
if $test -s try.out -a "X$code" = X42; then
  fflushNULL=""$cat try.out`"
else
  if $test "X$code" != X42; then
    $cat >&4 <<EOM

```

(If this test failed, don't worry, we'll try another method shortly.)

EOM

```
fi
```

```
fi
```

```
fi
```

```
$rm -f core try.core core.try.*
```

```
case "$fflushNULL" in
```

```
x) $cat >&4 <<EOM
```

Your fflush(NULL) works okay for output streams.

Let's see if it clobbers input pipes...

EOM

```
# As of mid-March 2000 all versions of Solaris appear to have a stdio
```

```
# bug that improperly flushes the input end of pipes. So we avoid the
```

```
# autoflush on fork/system/exec support for now. :-(
```

```
$cat >tryp.c <<EOCP
```

```
#include <stdio.h>
```

```
int
```

```
main(int argc, char **argv)
```

```
{
```

```
  char buf[1024];
```

```
  int i;
```

```
  char *bp = buf;
```

```
  while (1) {
```

```
while ((i = getc(stdin)) != -1
```

```
    && (*bp++ = i) != '\n'
```

```
    && bp < &buf[1024])
```

```
/* DO NOTHING */;
```

```
*bp = '\0';
```

```
fprintf(stdout, "%s", buf);
```

```
fflush(NULL);
```

```
if (i == -1)
```

```
  return 0;
```

```
bp = buf;
```

```
}
```

```
}
```

EOCP

```
fflushNULL="$define"
```

```
set tryp
```

```
if eval $compile; then
```

```
  $rm -f tryp.out
```

```
  # Copy the .c file to the remote host ($to is an ssh-alike if targethost is set)
```

```
  if $test "X$targethost" != X; then
```

```

$to tryp.c
$to tryp
$run "cat tryp.c | ./tryp " 2>/dev/null > tryp.out
else
$cat tryp.c | $run ./tryp 2>/dev/null > tryp.out
fi
if cmp tryp.c tryp.out >/dev/null 2>&1; then
$cat >&4 <<EOM
fflush(NULL) seems to behave okay with input streams.
EOM
fflushNULL="$define"
else
$cat >&4 <<EOM

```

Ouch, fflush(NULL) clobbers input pipes! We will not use it.

```

EOM
fflushNULL="$undef"
fi
fi
$rm -f core tryp.c tryp.core core.tryp.*
;;
") $cat >&4 <<EOM

```

Your fflush(NULL) isn't working (contrary to ANSI C).

```

EOM
fflushNULL="$undef"
;;
*) $cat >&4 <<EOM

```

Cannot figure out whether your fflush(NULL) works or not.  
I'm assuming it doesn't (contrary to ANSI C).

```

EOM
fflushNULL="$undef"
;;
esac
;;
$define|true|[yY]*)
fflushNULL="$define"
;;
*)
fflushNULL="$undef"
;;
esac

```

```

: check explicit looping only if NULL did not work, and if the pipe
: bug does not show up on an explicit flush too
case "$fflushNULL" in
"$undef")
$cat >tryp.c <<EOCP
#include <stdio.h>
int
main(int argc, char **argv)

```

```

{
  char buf[1024];
  int i;
  char *bp = buf;
  while (1) {
while ((i = getc(stdin)) != -1
    && (*bp++ = i) != '\n'
    && bp < &buf[1024])
/* DO NOTHING */;
*bp = '\0';
fprintf(stdout, "%s", buf);
fflush(stdin);
if (i == -1)
    return 0;
bp = buf;
    }
}
EOCP
set tryp
if eval $compile; then
    $rm -f tryp.out
    if $test "X$targethost" != X; then
$to tryp.c
$to tryp
$run "cat tryp.c | ./tryp " 2>/dev/null > tryp.out
    else
$cat tryp.c | $run ./tryp 2>/dev/null > tryp.out
    fi
    if cmp tryp.c tryp.out >/dev/null 2>&1; then
        $cat >&4 <<EOM

```

Good, at least fflush(stdin) seems to behave okay when stdin is a pipe.

EOM

```

: now check for fflushall behaviour
case "$fflushall" in
") set try -DTRY_FFLUSH_ALL $output
if eval $compile; then
    $cat >&4 <<EOM

```

(Now testing the other method--but note that this also may fail.)

EOM

```

$run ./try 2>/dev/null
code=$?
$from try.out
if $test -s try.out -a "X$code" = X42; then
    fflushall="$cat try.out`"
fi
fi
$rm_try
case "$fflushall" in

```

```
x) $cat >&4 <<EOM
```

Whew. Flushing explicitly all the stdio streams works.

```
EOM
```

```
fflushall="$define"
```

```
::
```

```
") $cat >&4 <<EOM
```

Sigh. Flushing explicitly all the stdio streams doesn't work.

```
EOM
```

```
fflushall="$undef"
```

```
::
```

```
*) $cat >&4 <<EOM
```

Cannot figure out whether flushing stdio streams explicitly works or not.

I'm assuming it doesn't.

```
EOM
```

```
fflushall="$undef"
```

```
::
```

```
esac
```

```
::
```

```
"$define"|true|[yY]*)
```

```
fflushall="$define"
```

```
::
```

```
*)
```

```
fflushall="$undef"
```

```
::
```

```
esac
```

```
else
```

```
$cat >&4 <<EOM
```

All is futile. Even fflush(stdin) clobbers input pipes!

```
EOM
```

```
fflushall="$undef"
```

```
fi
```

```
else
```

```
fflushall="$undef"
```

```
fi
```

```
$rm -f core tryp.c tryp.core core.tryp.*
```

```
::
```

```
*) fflushall="$undef"
```

```
::
```

```
esac
```

```
case "$fflushNULL$fflushall" in
```

```
undefundef)
```

```
$cat <<EOM
```

OK, I give up. I cannot figure out how to flush pending stdio output.

We won't be flushing handles at all before fork/exec/popen.

```
EOM
```

```
::
```

```
esac
```

\$rm\_try tryp

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/fflushall.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sh.U,v 3.0.1.1 1997/02/28 16:20:13 ram Exp \$

?RCS:

?RCS: Copyright (c) 1997, Chip Salzenberg

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: sh.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:20:13 ram

?RCS: patch61: created

?RCS:

?MAKE:sh targetsh: Head

?MAKE: -pick wipe \$@ %<

?S:sh:

?S: This variable contains the full pathname of the shell used

?S: on this system to execute Bourne shell scripts. Usually, this will be

?S: /bin/sh, though it's possible that some systems will have /bin/ksh,

?S: /bin/pdksh, /bin/ash, /bin/bash, or even something such as

?S: D:/bin/sh.exe.

?S: This unit comes before Options.U, so you can't set sh with a -D

?S: option, though you can override this (and startsh)

?S: with -O -Dsh=/bin/whatever -Dstartsh=whatever

?S:.

?S:targetsh:

?S: If cross-compiling, this variable contains the location of sh on the

?S: target system.

?S: If not, this will be the same as \$sh.

?S:.

?C:SH\_PATH:

?C: This symbol contains the full pathname to the shell used on this

?C: on this system to execute Bourne shell scripts. Usually, this will be

?C: /bin/sh, though it's possible that some systems will have /bin/ksh,

?C: /bin/pdksh, /bin/ash, /bin/bash, or even something such as

?C: D:/bin/sh.exe.

?C:.

?H:#define SH\_PATH "\$targetsh" /\*\*/

?H:.

?T:xxx try pth p SYSTYPE

?LINT:extern maintloc maintname \_exe

?X:

?X: Be quiet unless something unusual happens because this gets

?X: loaded up even before options are processed.

?X: Can't use ./loc because that depends on startsh, which, in turn

?X: depends on this unit.

?X:

: Find the basic shell for Bourne shell scripts

case "\$sh" in

")

?X: SYSTYPE is for some older MIPS systems.

?X: I do not know if it is still needed.

case "\$SYSTYPE" in

\*bsd\*|sys5\*) xxx="/\$SYSTYPE/bin/sh";;

\*) xxx="/bin/sh";;

esac

if test -f "\$xxx"; then

sh="\$xxx"

else

: Build up a list and do a single loop so we can 'break' out.

pth=`echo \$PATH | sed -e "s/\$p\_/ /g"`

for xxx in sh bash ksh pdksh ash; do

for p in \$pth; do

try="\$try \${p}/\${xxx}"

done

done

for xxx in \$try; do

if test -f "\$xxx"; then

sh="\$xxx";

break

elif test "X\$\_exe" != X -a -f "\$xxx\$\_exe"; then

sh="\$xxx";

break

elif test -f "\$xxx.exe"; then

sh="\$xxx";

break

fi

done

fi

::

esac

?X: fd 4 isn't open yet...

case "\$sh" in

") cat >&2 <<EOM

\$me: Fatal Error: I can't find a Bourne Shell anywhere.



Usually it's in /bin/sh. How did you even get this far?  
Please contact me (<\$maintname>) at <\$maintloc> and  
we'll try to straighten this all out.

```
EOM
exit 1
;;
esac
```

: When cross-compiling we need to separate the sh-to-run-Configure-with from the sh-to-use-in-Perl  
: default both to the same thing, cross-compilers can then set targetsh differently if they like  
targetsh=\$sh

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/sh.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_endgrent.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: d\_endgrent.U,v \$

?RCS:

?MAKE:d\_endgrent: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_endgrent:

?S: This variable conditionally defines the HAS\_ENDGRENT symbol, which

?S: indicates to the C program that the endgrent() routine is available

?S: for sequential access of the group database.

?S:.

?C:HAS\_ENDGRENT:

?C: This symbol, if defined, indicates that the getgrent routine is

?C: available for finalizing sequential access of the group database.

?C:.

?H:#\$d\_endgrent HAS\_ENDGRENT /\*\*/

?H:.

?LINT:set d\_endgrent

: see if endgrent exists

set endgrent d\_endgrent

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endgrent.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_scalbn: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_scalbn:

?S: This variable conditionally defines the HAS\_SCALBN symbol, which

?S: indicates to the C program that the scalbn() routine is available.

?S:.

?C:HAS\_SCALBN:

?C: This symbol, if defined, indicates that the scalbn routine is

?C: available to multiply floating-point number by integral power

?C: of radix.

?C:.

?H:#\$d\_scalbn HAS\_SCALBN /\*\*/

?H:.

?LINT:set d\_scalbn

: see if scalbn exists

set scalbn d\_scalbn

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_scalbn.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2009 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getnameinfo: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getnameinfo:

?S: This variable conditionally defines the HAS\_GETNAMEINFO symbol,

?S: which indicates to the C program that the getnameinfo() function

?S: is available.

?S:.

?C:HAS\_GETNAMEINFO:

?C: This symbol, if defined, indicates that the getnameinfo() function

?C: is available for use.

?C:.

?H:#\$d\_getnameinfo HAS\_GETNAMEINFO /\*\*/

?H:.

```
?LINT:set d_getnameinfo
: see if getnameinfo exists
set getnameinfo d_getnameinfo
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getnameinfo.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: MailAuthor.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
```

```
?RCS:
```

```
?RCS: $Log: MailAuthor.U,v $
```

```
?RCS: Revision 3.0.1.5 1997/02/28 15:04:41 ram
```

```
?RCS: patch61: added support for src.U
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.4 1994/08/29 16:05:09 ram
```

```
?RCS: patch32: avoid message sending if they said no previously
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.3 1993/10/16 13:47:30 ram
```

```
?RCS: patch12: now makes sure user-specified address is in Internet format
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.2 1993/09/13 15:48:49 ram
```

```
?RCS: patch10: reverted to original intent by the Author himself
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1993/08/27 14:38:38 ram
```

```
?RCS: patch7: now prompts user for its e-mail address
```

```
?RCS: patch7: no longer silent when mail has been sent
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:05:06 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?RCS:
```

```
?X:
```

```
?X: This unit asks the user to please send a message to the author.
```

```
?X: To force inclusion of this unit, you must add it's name to the
```

```
?X: dependancies on the MAKE line in your private copy of End.U.
```

```
?X: This allows a smart mailagent program to automatically let users know
```

?X: when their package is out of date, and to allow users to be notified of  
?X: any future patches.

?X:

?MAKE:MailAuthor mailpatches notifypatches usermail: test cat mailer \  
package Myread patchlevel baserev rm rsrc Oldconfig Configdir

?MAKE: -pick wipe \$@ %<

?S:mailpatches:

?S: Indicates whether the user would like future patches to be mailed

?S: directly to them.

?S:.

?S:notifypatches:

?S: Indicates whether the user would like notification of future patches

?S: mailed to them.

?S:.

?S:usermail:

?S: This variable is used internally by Configure to keep track of the

?S: user e-mail address, where notifications or patches should be sent.

?S: A '-' value means the return address will be extracted by parsing

?S: the mail headers.

?S:.

?T:opt mailpatches notifypatches atsh status

: notify author that his package is used

if \$test -f ../config/mailauthor &&

cmp \$rsrc/patchlevel.h ../config/mailauthor >/dev/null 2>&1

then

status="say that you're using \$package";

case "\$mailpatches" in

true) status='have patches mailed to you as they are issued';

esac

case "\$notifypatches" in

true) status='be notified when new patches are issued';

esac

\$cat <<EOM

You have already sent the author of \$package (<MAINTLOC>) mail to

\$status. If you wish, you may modify

your previous request by sending a new mail with different options.

EOM

rp='Should I send a status update to <MAINTLOC>?'

dflt=n

else

\$cat <<EOM

If you are able to send mail to the Internet, the author of \$package would  
really appreciate you letting me send off a quick note, just to say that you've  
tried it. The author is more likely to spend time maintaining \$package if it's  
known that many people are using it, and you can even ask to get sent new

patches automagically this way if you wish. To protect your privacy, all I'll say in the mail is the version of \$package that you're using.

EOM

```
rp='Should I send mail to <MAINTLOC>?'
dflt=y
?X: Ensure default is 'n' if question has been asked already, in case they
?X: run Configure -d next time and answered 'n' the first time. Therefore,
?X: an empty nomail will be created later on even if no mail is sent.
$test -f ../.config/nomail && dflt=n
fi
. ./myread
case "$ans" in
[yY]*)
echo " "
echo "Great! Your cooperation is really appreciated."
$cat <<EOM
```

Some braindead sites do not set a proper return address in the From: header of their outgoing mail, making it impossible to reply to mail they generate.

If your site is broken in this way, write to your system administrator and get it fixed!!! In the mean time, you can manually specify the Internet e-mail address by which the author can get back to you, should there be a need to do so. If manually specified, it should be something like "user@domain.top".

If your mail system generates addresses correctly, specify "none".

EOM

```
case "$usermail" in
'-'|") dflt=none;;
*) dflt="$usermail";;
esac
rp='Manually specify a return address to use:'
. ./myread
case "$ans" in
none|*@*.*)
case "$ans" in
none) usermail='-';;
*) usermail="$ans";;
esac
;;
*)
echo "(Address does not look like an Internet one -- ignoring it.)"
?X:
?X: If we can't trust their mailer or their return address, it's highly
?X: suggested that they only register and don't ask to get anything from
?X: the author, since it's likely to bounce in null-land -- RAM.
?X:
usermail='-'
```

```

mailpatches=false
notifypatches=false
;;
esac
echo " "
opt=""
rp='Would you like to have new patches automatically mailed to you?'
case "$mailpatches" in
true) dflt=y;;
*) dflt=n;;
esac
. ./myread
case "$ans" in
[yY]*) opt=' mailpatches'; mailpatches=true;;
*)
mailpatches=false
echo " "
rp='Ok, would you like to simply be notified of new patches?'
case "$notifypatches" in
false) dflt=n;;
*) dflt=y;;
esac
. ./myread
echo " "
case "$ans" in
[yY]*) opt=' notifypatches'; notifypatches=true;;
*)
echo "Fine, I'll simply say that you've tried it then."
notifypatches=false
;;
esac
;;
esac
echo "Sending mail to <MAINTLOC>..." >&4
?X: Bizarre hack here. We can't just put @SH in the hereis lines below, because
?X: metaconfig will interpret it as a command, and there's no quoting mechanism.
?X: Do it via a variable instead.
atsh='@SH'
$mailler <MAINTLOC> <<EOM >/dev/null 2>&1
Subject: Command
Precedence: junk
To: <MAINTLOC>

$atsh package $usermail $package $baserev $patchlevel$opt
EOM
$rm -f ../config/mailauthor ../config/nomail
cp $src/patchlevel.h ../config/mailauthor
;;

```

```
*)
case "$dfmt" in
"y")
echo "Oh well, maybe next time."
cp /dev/null ../config/nomail
;;
esac
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/MailAuthor.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_setitimer: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_setitimer:

?S: This variable conditionally defines the HAS\_SETITIMER symbol, which

?S: indicates to the C program that the setitimer() routine is available.

?S:.

?C:HAS\_SETITIMER:

?C: This symbol, if defined, indicates that the setitimer routine is

?C: available to set interval timers.

?C:.

?H:#\$d\_setitimer HAS\_SETITIMER /\*\*/

?H:.

?LINT:set d\_setitimer

: see if setitimer exists

set setitimer d\_setitimer

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setitimer.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_times.U,v \$  
?RCS: Revision 3.0.1.2 1995/07/25 14:07:50 ram  
?RCS: patch56: typo fix, sytem -> system  
?RCS:  
?RCS: Revision 3.0.1.1 1994/08/29 16:14:00 ram  
?RCS: patch32: now uses new Typedef unit to compute type information  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:07:46 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: What is the type returned by times() ?  
?X:  
?X: Force inclusion of <sys/types.h>  
?X:INC: i\_systypes  
?MAKE:d\_times clocktype: Csym Myread Typedef i\_systimes  
?MAKE:-pick add \$@ %<  
?S:d\_times:  
?S: This variable conditionally defines the HAS\_TIMES symbol, which indicates  
?S: that the times() routine exists. The times() routine is normally  
?S: provided on UNIX systems. You may have to include <sys/times.h>.  
?S:.  
?S:clocktype:  
?S: This variable holds the type returned by times(). It can be long,  
?S: or clock\_t on BSD sites (in which case <sys/types.h> should be  
?S: included).  
?S:.  
?C:HAS\_TIMES (TIMES):  
?C: This symbol, if defined, indicates that the times() routine exists.  
?C: Note that this became obsolete on some systems (SUNOS), which now  
?C: use getrusage(). It may be necessary to include <sys/times.h>.  
?C:.  
?C:Clock\_t (CLOCKTYPE):  
?C: This symbol holds the type returned by times(). It can be long,  
?C: or clock\_t on BSD sites (in which case <sys/types.h> should be  
?C: included).  
?C:.  
?H:#\$d\_times HAS\_TIMES /\*\*/  
?H:#define Clock\_t \$clocktype /\* Clock time \*/  
?H:.  
?T:val inc  
: see if times exists



```

echo " "
if set times val -f d_times; eval $csym; $val; then
echo 'times() found.' >&4
d_times="$define"
inc="
case "$i_systimes" in
"$define") inc='sys/times.h';
esac
set clock_t clocktype long stdio.h sys/types.h $inc
eval $typedef
dflt="$clocktype"
echo " "
rp="What type is returned by times() on this system?"
./myread
clocktype="$ans"
else
echo 'times() NOT found, hope that will do.' >&4
d_times="$undef"
?X: The following is needed for typedef (won't like an empty variable)
clocktype='int'
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_times.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_acosh: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_acosh:

?S: This variable conditionally defines the HAS\_ACOSH symbol, which

?S: indicates to the C program that the acosh() routine is available.

?S:.

?C:HAS\_ACOSH:

?C: This symbol, if defined, indicates that the acosh routine is

?C: available to do the inverse hyperbolic cosine function.

?C:.

?H:#\$d\_acosh HAS\_ACOSH /\*\*/

?H:.

?LINT:set d\_acosh

: see if acosh exists

set acosh d\_acosh

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_acosh.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_setprotoent\_r.U,v 0RCS:  
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.  
?RCS:  
?MAKE:d\_setprotoent\_r setprotoent\_r\_proto: Inlibc Protochk Hasproto \  
i\_systypes usethreads i\_netdb extern\_C  
?MAKE: -pick add \$@ %<  
?S:d\_setprotoent\_r:  
?S: This variable conditionally defines the HAS\_SETPROTOENT\_R symbol,  
?S: which indicates to the C program that the setprotoent\_r()  
?S: routine is available.  
?S:.  
?S:setprotoent\_r\_proto:  
?S: This variable encodes the prototype of setprotoent\_r.  
?S: It is zero if d\_setprotoent\_r is undef, and one of the  
?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_setprotoent\_r  
?S: is defined.  
?S:.  
?C:HAS\_SETPROTOENT\_R:  
?C: This symbol, if defined, indicates that the setprotoent\_r routine  
?C: is available to setprotoent re-entrantly.  
?C:.  
?C:SETPROTOENT\_R\_PROTO:  
?C: This symbol encodes the prototype of setprotoent\_r.  
?C: It is zero if d\_setprotoent\_r is undef, and one of the  
?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_setprotoent\_r  
?C: is defined.  
?C:.  
?H:#\$d\_setprotoent\_r HAS\_SETPROTOENT\_R /\*\*/  
?H:#define SETPROTOENT\_R\_PROTO \$setprotoent\_r\_proto /\*\*/  
?H:.  
?T:try hdrs d\_setprotoent\_r\_proto  
: see if setprotoent\_r exists  
set setprotoent\_r d\_setprotoent\_r  
eval \$inlibc  
case "\$d\_setprotoent\_r" in  
"\$define")  
hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_netdb netdb.h"  
case "\$d\_setprotoent\_r\_proto:\$usethreads" in  
":define") d\_setprotoent\_r\_proto=define

```

set d_setprotoent_r_proto setprotoent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_setprotoent_r_proto" in
define)
case "$setprotoent_r_proto" in
"|0) try='int setprotoent_r(int, struct protoent_data*);'
./prochck "$extern_C $try" $hdrs && setprotoent_r_proto=I_ID ;;
esac
case "$setprotoent_r_proto" in
"|0) try='void setprotoent_r(int, struct protoent_data*);'
./prochck "$extern_C $try" $hdrs && setprotoent_r_proto=V_ID ;;
esac
case "$setprotoent_r_proto" in
"|0) d_setprotoent_r=undef
setprotoent_r_proto=0
echo "Disabling setprotoent_r, cannot determine prototype." >&4 ;;
* ) case "$setprotoent_r_proto" in
REENTRANT_PROTO*) ;;
*) setprotoent_r_proto="REENTRANT_PROTO_${setprotoent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "setprotoent_r has no prototype, not using it." >&4 ;;
esac
d_setprotoent_r=undef
setprotoent_r_proto=0
;;
esac
;;
*) setprotoent_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_setprotoent\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Hasproto.U \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?X: This unit generates a \$hasproto string that is used internally

?X: by Configure to check if this system has a prototype for a

?X: particular function

?X:

?X: To use it, say something like:

?X: set d\_getnetent\_proto getnetent \$i\_netdb netdb.h

?X: eval \$hasproto

?X: Or, for more complicated sets of headers, do something like

?X: hdrs="\$define sys/types.h

?X: \$i\_systime sys/time.h

?X: \$i\_sysselect sys/select.h

?X: \$i\_netdb netdb.h"

?X: set d\_getnetent\_proto getnetent \$hdrs

?X: eval \$hasproto

?X:

?X: There is also an 'escape' hatch built in. If you have a pair

?X: of args 'literal 'stuff' then 'stuff' gets included literally

?X: into the test program. See Protochk.U for more details.

?X:

?MAKE:Hasproto: Setvar cppstdin cppflags cppminus contains rm\_try test

?MAKE: -pick add \$@ %<

?T:func varname

?F:!try.c

?V:hasproto

: Define hasproto macro for Configure internal use

```
hasproto='varname=$1; func=$2; shift; shift;
while $test $# -ge 2; do
case "$1" in
$define) echo "#include <$2>";;
literal) echo "$2" ;;
esac ;
shift 2;
done > try.c;
$cppstdin $cppflags $cppminus < try.c > tryout.c 2>/dev/null;
if $contains "$func.*( " tryout.c >/dev/null 2>&1; then
echo "$func() prototype found.";
val="$define";
else
echo "$func() prototype NOT found.";
val="$undef";
fi;
set $varname;
eval $setvar;
$rm_try tryout.c'
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/protos/Hasproto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_readdir\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_readdir\_r readdir\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_dirent extern\_C

?MAKE: -pick add \$@ %<

?S:d\_readdir\_r:

?S: This variable conditionally defines the HAS\_READDIR\_R symbol,

?S: which indicates to the C program that the readdir\_r()

?S: routine is available.

?S:.

?S:readdir\_r\_proto:

?S: This variable encodes the prototype of readdir\_r.

?S: It is zero if d\_readdir\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_readdir\_r

?S: is defined.

?S:.

?C:HAS\_READDIR\_R:

?C: This symbol, if defined, indicates that the readdir\_r routine

?C: is available to readdir re-entrantly.

?C:.

?C:READDIR\_R\_PROTO:

?C: This symbol encodes the prototype of readdir\_r.

?C: It is zero if d\_readdir\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_readdir\_r

?C: is defined.

?C:.

?H:#\$d\_readdir\_r HAS\_READDIR\_R /\*\*/

?H:#define READDIR\_R\_PROTO \$readdir\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_readdir\_r\_proto

: see if readdir\_r exists

set readdir\_r d\_readdir\_r

eval \$inlibc

case "\$d\_readdir\_r" in

"\$define")

hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_dirent dirent.h"

case "\$d\_readdir\_r\_proto:\$usethreads" in

":define") d\_readdir\_r\_proto=define

set d\_readdir\_r\_proto readdir\_r \$hdrs

```

eval $hasproto ;;
*) ;;
esac
case "$d_readdir_r_proto" in
define)
case "$readdir_r_proto" in
"|0) try='int readdir_r(DIR*, struct dirent*, struct dirent**);'
./protochk "$extern_C $try" $hdrs && readdir_r_proto=I_TSR ;;
esac
case "$readdir_r_proto" in
"|0) try='int readdir_r(DIR*, struct dirent*);'
./protochk "$extern_C $try" $hdrs && readdir_r_proto=I_TS ;;
esac
case "$readdir_r_proto" in
"|0) d_readdir_r=undef
readdir_r_proto=0
echo "Disabling readdir_r, cannot determine prototype." >&4 ;;
* ) case "$readdir_r_proto" in
REENTRANT_PROTO*) ;;
*) readdir_r_proto="REENTRANT_PROTO_$readdir_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "readdir_r has no prototype, not using it." >&4 ;;
esac
d_readdir_r=undef
readdir_r_proto=0
;;
esac
;;
*) readdir_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_readdir_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_atoll: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_atoll:  
?S: This variable conditionally defines the HAS\_ATOLL symbol, which  
?S: indicates to the C program that the atoll() routine is available.  
?S:.  
?C:HAS\_ATOLL:  
?C: This symbol, if defined, indicates that the atoll routine is  
?C: available to convert strings into long longs.  
?C:.  
?H:#\$d\_atoll HAS\_ATOLL /\*\*/  
?H:.  
?LINT:set d\_atoll  
: see if atoll exists  
set atoll d\_atoll  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/atoll.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Copyright (c) 1999 Jarkko Hietaniemi  
?RCS:  
?MAKE:usesocks: Myread Oldconfig Setvar spackage package  
?MAKE: -pick add \$@ %<  
?Y:TOP  
?S:usesocks:  
?S: This variable conditionally defines the USE\_SOCKS symbol,  
?S: and indicates that Perl should be built to use SOCKS.  
?S:.  
?C:USE\_SOCKS:  
?C: This symbol, if defined, indicates that Perl should  
?C: be built to use socks.  
?C:.  
?H:?%<:#\$usesocks USE\_SOCKS /\*\*/  
?H:.  
?D:usesocks="

```
?LINT:set usesocks
: check for requested SOCKS support
case "$usesocks" in
$define|true|[yY]*) dflt='y';
*) dflt='n';;
esac
cat <<EOM
```

\$package can be built to use the SOCKS proxy protocol library.  
If this doesn't make any sense to you, just accept the default '\$dflt'.

```
EOM
rp="Build $package for SOCKS?"
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
set usesocks
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/usesocks.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strchr.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strchr.U,v $
?RCS: Revision 3.0.1.2 1993/10/16 13:49:20 ram
?RCS: patch12: added support for HAS_INDEX
?RCS: patch12: added magic for index() and rindex()
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:05:26 ram
?RCS: patch10: now only defines HAS_STRCHR, no macro remap of index (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:32 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strchr d_index: contains strings Setvar Myread Oldconfig Csym
?MAKE: -pick add $@ %<
```



```

?S:d_strchr:
?S: This variable conditionally defines HAS_STRCHR if strchr() and
?S: strrchr() are available for string searching.
?S:.
?S:d_index:
?S: This variable conditionally defines HAS_INDEX if index() and
?S: rindex() are available for string searching.
?S:.
?C:HAS_STRCHR:
?C: This symbol is defined to indicate that the strchr()/strrchr()
?C: functions are available for string searching. If not, try the
?C: index()/rindex() pair.
?C:.
?C:HAS_INDEX:
?C: This symbol is defined to indicate that the index()/rindex()
?C: functions are available for string searching.
?C:.
?H:#$d_strchr HAS_STRCHR /**/
?H:#$d_index HAS_INDEX /**/
?H:.
?M:index: HAS_INDEX
?M:#ifndef HAS_INDEX
?M:#ifndef index
?M:#define index strchr
?M:#endif
?M:#endif
?M:.
?M:rindex: HAS_INDEX
?M:#ifndef HAS_INDEX
?M:#ifndef rindex
?M:#define rindex strrchr
?M:#endif
?M:#endif
?M:.
?T:vali
?LINT:set d_strchr d_index
: index or strchr
echo " "
if set index val -f; eval $sym; $val; then
if set strchr val -f d_strchr; eval $sym; $val; then
if $contains strchr "$strings" >/dev/null 2>&1 ; then
?X: has index, strchr, and strchr in string header
val="$define"
vali="$undef"
echo "strchr() found." >&4
else
?X: has index, strchr, and no strchr in string header
val="$undef"

```

```

    vali="$define"
    echo "index() found." >&4
fi
else
?X: has only index, no strchr, string header is a moot point
    val="$undef"
    vali="$define"
    echo "index() found." >&4
fi
else
if set strchr val -f d_strchr; eval $csym; $val; then
    val="$define"
    vali="$undef"
    echo "strchr() found." >&4
else
    echo "No index() or strchr() found!" >&4
    val="$undef"
    vali="$undef"
fi
fi
set d_strchr; eval $setvar
val="$vali"
set d_index; eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strchr.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_accessx: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_accessx:

?S: This variable conditionally defines the HAS\_ACCESSX symbol, which

?S: indicates to the C program that the accessx() routine is available.

?S:.

?C:HAS\_ACCESSX :

?C: This symbol, if defined, indicates that the accessx routine is

?C: available to do extended access checks.

?C:.

?H:#\$d\_accessx HAS\_ACCESSX /\*\*/

?H:.

```
?LINT:set d_accessx
: see if accessx exists
set accessx d_accessx
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/d_accessx.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_popen.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
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```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_popen.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:47 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_popen: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_popen:
```

```
?S: This variable conditionally defines HAS_POPEN if popen() is
```

```
?S: available to open a pipe from a process.
```

```
?S:.
```

```
?C:HAS_POPEN (POPEN):
```

```
?C: This symbol, if defined, indicates that the popen routine is
```

```
?C: available to open a pipe from a process.
```

```
?C:.
```

```
?H:#$d_popen HAS_POPEN /**/
```

```
?H:.
```

```
?LINT:set d_popen
```

```
: see if popen exists
```

```
set popen d_popen
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_popen.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setprior.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_setprior.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:11 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_setprior: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_setprior:  
?S: This variable conditionally defines HAS\_SETPRIORITY if setpriority()  
?S: is available to set a process's priority.  
?S:.  
?C:HAS\_SETPRIORITY (SETPRIORITY):  
?C: This symbol, if defined, indicates that the setpriority routine is  
?C: available to set a process's priority.  
?C:.  
?H:#\$d\_setprior HAS\_SETPRIORITY /\*\*/  
?H:.  
?LINT:set d\_setprior  
: see if setpriority exists  
set setpriority d\_setprior  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setprior.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: voidflags.U,v \$  
?RCS: Revision 3.0.1.2 1997/02/28 16:27:58 ram  
?RCS: patch61: don't prompt them if the void support is high enough for us  
?RCS:

?RCS: Revision 3.0.1.1 1995/01/11 15:37:44 ram

?RCS: patch45: cosmetic change to avoid spurious blank lines when using -s

?RCS:

?RCS: Revision 3.0 1993/08/18 12:10:01 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:voidflags defvoidused: cat sed rm rm\_try contains +cc +ccflags package \  
 Oldconfig Myread

?MAKE: -pick add \$@ %<

?S:voidflags:

?S: This variable contains the eventual value of the VOIDFLAGS symbol,  
 ?S: which indicates how much support of the void type is given by this  
 ?S: compiler. See VOIDFLAGS for more info.

?S:.

?S:defvoidused:

?S: This variable contains the default value of the VOIDUSED symbol (15).

?S:.

?X: Exceptionally, we have to explicitly alias the symbol name for  
 ?X: config\_h.SH, otherwise the comment would not appear.

?C:VOIDFLAGS ~ %<:

?C: This symbol indicates how much support of the void type is given by this  
 ?C: compiler. What various bits mean:

?C:

?C: 1 = supports declaration of void

?C: 2 = supports arrays of pointers to functions returning void

?C: 4 = supports comparisons between pointers to void functions and  
 ?C: addresses of void functions

?C: 8 = supports declaration of generic void pointers

?C:

?C: The package designer should define VOIDUSED to indicate the requirements  
 ?C: of the package. This can be done either by #defining VOIDUSED before  
 ?C: including config.h, or by defining defvoidused in Myinit.U. If the  
 ?C: latter approach is taken, only those flags will be tested. If the  
 ?C: level of void support necessary is not present, defines void to int.

?C:.

?H:%<:#ifndef VOIDUSED

?H:%<:#define VOIDUSED \$defvoidused

?H:%<:#endif

?H:%<:#define VOIDFLAGS \$voidflags

?H:%<:#if (VOIDFLAGS & VOIDUSED) != VOIDUSED

?H:%<:#define void int /\* is void to be avoided? \*/

?H:%<:#define M\_VOID /\* Xenix strikes again \*/

?H:%<:#endif

?H:.

?W:%<:void

?F:!.out !try.c !flags

?LINT:usefile .out flags try.c

?INIT:: full support for void wanted by default

```
?INIT:dfvoidused=15
?INIT:
?LINT:known void M_VOID VOIDUSED
: check for void type
echo " "
echo "Checking to see how well your C compiler groks the void type..." >&4
$cat >flags <<EOM
```

Support flag bits are:

- 1: basic void declarations.
- 2: arrays of pointers to functions returning void.
- 4: operations between pointers to and addresses of void functions.
- 8: generic void pointers.

EOM

```
case "$voidflags" in
")
$cat >try.c <<'EOCP'
#if TRY & 1
void sub() {
#else
sub() {
#endif
extern void moo(); /* function returning void */
void (*goo)(); /* ptr to func returning void */
#if TRY & 8
void *hue; /* generic ptr */
#endif
#if TRY & 2
void (*foo[10])();
#endif

#if TRY & 4
if(goo == moo) {
exit(0);
}
#endif
exit(0);
}
int main() { sub(); }
EOCP
```

?X: This unit used to use cc -S in those tests to try to speed up things, but

?X: unfortunately, AIX 3.2 does not support this option.

```
if $cc $ccflags -c -DTRY=$dfvoidused try.c >.out 2>&1 ; then
```

```
voidflags=$dfvoidused
```

```
echo "Good. It appears to support void to the level $package wants."
```

```
if $contains warning .out >/dev/null 2>&1; then
```

```
echo "However, you might get some warnings that look like this:"
```

```

$sed -e 's/^/ ' .out
fi
else
echo "Hmm, your compiler has some difficulty with void. Checking further..." >&4
$cat >&4 flags
$rm -f flags
if $cc $ccflags -c -DTRY=1 try.c >/dev/null 2>&1; then
echo "It supports 1..."
if $cc $ccflags -c -DTRY=3 try.c >/dev/null 2>&1; then
echo "It also supports 2..."
if $cc $ccflags -c -DTRY=7 try.c >/dev/null 2>&1; then
voidflags=7
echo "And it supports 4 but not 8 definitely."
else
echo "It doesn't support 4..."
if $cc $ccflags -c -DTRY=11 try.c >/dev/null 2>&1; then
voidflags=11
echo "But it supports 8."
else
voidflags=3
echo "Neither does it support 8."
fi
fi
else
echo "It does not support 2..."
if $cc $ccflags -c -DTRY=13 try.c >/dev/null 2>&1; then
voidflags=13
echo "But it supports 4 and 8."
else
if $cc $ccflags -c -DTRY=5 try.c >/dev/null 2>&1; then
voidflags=5
echo "And it supports 4 but has not heard about 8."
else
echo "However it supports 8 but not 4."
fi
fi
fi
else
echo "There is no support at all for void."
voidflags=0
fi
fi
esac
?X: Only prompt user if support does not match the level we want
case "$voidflags" in
"$defvoidused")
echo "Good. I already know it supports void to the level $package wants."
;;

```

```

*)
dflt="$voidflags";
test -f flags && $cat flags
rp="Your void support flags add up to what?"
. ./myread
voidflags="$ans"
;;
esac
$rm_try flags

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/voidflags.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:usefaststdio: Myread Oldconfig Setvar rsrc

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usefaststdio:

?S: This variable conditionally defines the USE\_FAST\_STDIO symbol,

?S: and indicates that Perl should be built to use 'fast stdio'.

?S: Defaults to define in Perls 5.8 and earlier, to undef later.

?S:.

?C:USE\_FAST\_STDIO:

?C: This symbol, if defined, indicates that Perl should

?C: be built to use 'fast stdio'.

?C: Defaults to define in Perls 5.8 and earlier, to undef later.

?C:.

?H:?%<:#ifndef USE\_FAST\_STDIO

?H:?%<:#\$usefaststdio USE\_FAST\_STDIO /\*\*/

?H:?%<:#endif

?H:.

?T:xversion

?LINT:set usefaststdio

: Check if faststdio is requested and available

case "\$usefaststdio" in

\$define|true|[yY]\*|")

xversion=`awk '/define[ ]+PERL\_VERSION/ {print \$3}' \$rsrc/patchlevel.h`

case "\$xversion" in

[68]) dflt='y' ;;

\*) dflt='n' ;;



```
esac
;;
*) dflt='n';;
esac
cat <<EOM
```

Perl can be built to use 'fast stdio', which means using the stdio library but also directly manipulating the stdio buffers to enable faster I/O. Using stdio is better for backward compatibility (especially for Perl extensions), but on the other hand since Perl 5.8 the 'perlio' interface has been preferred instead of stdio.

If this doesn't make any sense to you, just accept the default '\$dflt'.

```
EOM
rp='Use the "fast stdio" if available?'
. ./myread
case "$ans" in
y|Y) val="$define" ;;
*)   val="$undef" ;;
esac
set usefaststdio
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usefaststdio.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_poll.U,v $
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_langinfo: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_langinfo:
?S: This variable conditionally defines the I_LANGINFO symbol,
?S: and indicates whether a C program should include <langinfo.h>.
?S:.
?C:I_LANGINFO:
?C: This symbol, if defined, indicates that <langinfo.h> exists and
?C: should be included.
?C:.
?H:#$i_langinfo I_LANGINFO /**/
?H:.
?LINT:set i_langinfo
```

```
: see if this is a langinfo.h system
set langinfo.h i_langinfo
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_langinfo.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Mkdirp.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Extract.U,v $
```

```
?RCS: Revision 3.0.1.2 1997/02/28 14:58:52 ram
```

```
?RCS: patch61: added support for src.U
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/10/29 15:51:46 ram
```

```
?RCS: patch36: added ?F: line for metalint file checking
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:04:52 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: This unit produces a shell script which can launched to create a
```

```
?X: directory path like "mkdir -p" would do.
```

```
?X:
```

```
?MAKE:Mkdirp: eunicefix startsh
```

```
?MAKE: -pick add $@ %<
```

```
?F:./mkdirp
```

```
?T:name create file
```

```
: script used to emulate mkdir -p
```

```
cat >mkdirp <<EOS
```

```
$startsh
```

```
EOS
```

```
cat >>mkdirp <<'EOS'
```

```
name=$1;
```

```
create="";
```

```
while test $name; do
```

```
if test ! -d "$name"; then
```

```
create="$name $create"
```

```
name=`echo $name | sed -e "s|^[^/]*$||"``
```

```
name=`echo $name | sed -e "s|(.*)/.*|1|^"
else
name=""
fi
done
for file in $create; do
mkdir $file
done
EOS
chmod +x mkdirp
$unicefix mkdirp
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Mkdirp.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: scriptdir.U,v 3.1 1999/07/09 18:20:13 doughera Exp doughera $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: scriptdir.U,v $
```

```
?RCS: Revision 3.1 1999/07/09 18:20:13 doughera
```

```
?RCS: Updated for installprefix
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.3 1995/09/25 09:17:15 ram
```

```
?RCS: patch59: unit is now forced to the top of Configure, if possible
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.2 1995/01/30 14:46:13 ram
```

```
?RCS: patch49: can now handle installation prefix changes (from WED)
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/08/29 16:32:04 ram
```

```
?RCS: patch32: now uses installation prefix
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:09:45 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:scriptdir scriptdirexp installscript: cat test Getfile Loc \
```

```
Oldconfig +bin Prefixit Setprefixvar prefixexp Prefixup
```

```
?MAKE: -pick add $@ %<
```

```
?Y:TOP
```

```
?D:scriptdir="
```

?S:scriptdir:  
 ?S: This variable holds the name of the directory in which the user wants  
 ?S: to put publicly scripts for the package in question. It is either  
 ?S: the same directory as for binaries, or a special one that can be  
 ?S: mounted across different architectures, like /usr/share. Programs  
 ?S: must be prepared to deal with ~name expansion.  
 ?S:.  
 ?D:scriptdirexp="  
 ?S:scriptdirexp:  
 ?S: This variable is the same as scriptdir, but is filename expanded  
 ?S: at configuration time, for programs not wanting to bother with it.  
 ?S:.  
 ?S:installscript:  
 ?S: This variable is usually the same as scriptdirexp, unless you are on  
 ?S: a system running AFS, in which case they may differ slightly. You  
 ?S: should always use this variable within your makefiles for portability.  
 ?S:.  
 ?C:SCRIPTDIR:  
 ?C: This symbol holds the name of the directory in which the user wants  
 ?C: to put publicly executable scripts for the package in question. It  
 ?C: is often a directory that is mounted across diverse architectures.  
 ?C: Programs must be prepared to deal with ~name expansion.  
 ?C:.  
 ?C:SCRIPTDIR\_EXP:  
 ?C: This is the same as SCRIPTDIR, but is filename expanded at  
 ?C: configuration time, for use in programs not prepared to do  
 ?C: ~name substitutions at run-time.  
 ?C:.  
 ?H:#define SCRIPTDIR "\$scriptdir" /\*\*/  
 ?H:#define SCRIPTDIR\_EXP "\$scriptdirexp" /\*\*/  
 ?H:.  
 ?T:installscriptdir  
 ?LINT:change prefixvar  
 ?LINT:set scriptdir  
 ?LINT:set scriptdirexp  
 : determine where public executable scripts go  
 set scriptdir scriptdir  
 eval \$prefixit  
 case "\$scriptdir" in  
 ")  
 dflt="\$bin"  
 : guess some guesses  
 \$test -d /usr/share/scripts && dflt=/usr/share/scripts  
 \$test -d /usr/share/bin && dflt=/usr/share/bin  
 \$test -d /usr/local/script && dflt=/usr/local/script  
 \$test -d /usr/local/scripts && dflt=/usr/local/scripts  
 \$test -d \$prefixexp/script && dflt=\$prefixexp/script  
 set dflt

```

eval $prefixup
;;
*) dflt="$scriptdir"
;;
esac
$cat <<EOM

```

Some installations have a separate directory just for executable scripts so that they can mount it across multiple architectures but keep the scripts in one spot. You might, for example, have a subdirectory of /usr/share for this. Or you might just lump your scripts in with all your other executables.

```

EOM
fn=d~
rp='Where do you keep publicly executable scripts?'
./getfile
if $test "X$ansexp" != "X$scriptdirexp"; then
installscript="
fi
installscriptdir="
prefixvar=scriptdir
./setprefixvar
: A little fix up for an irregularly named variable.
installscript="$installscriptdir"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/scriptdir.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: libpth.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libpth.U,v $
?RCS: Revision 3.0.1.6 1997/02/28 16:08:49 ram
?RCS: patch61: new loclibpth variable
?RCS:
?RCS: Revision 3.0.1.5 1995/01/11 15:31:30 ram
?RCS: patch45: call ./mips instead of just mips (WED)
?RCS:
?RCS: Revision 3.0.1.4 1994/08/29 16:29:15 ram

```

?RCS: patch32: added /lib/pa1.1 for HP-UX specially tuned PA-RISC libs (ADO)

?RCS: patch32: fixed information message, making it clearer (ADO)

?RCS:

?RCS: Revision 3.0.1.3 1994/06/20 07:03:54 ram

?RCS: patch30: added /usr/shlib to glibpth for shared-only libraries

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:26:57 ram

?RCS: patch27: fixed a typo (libpth -> glibpth)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:07:53 ram

?RCS: patch23: now asks for library directories to be searched (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:02 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit initializes the path for C library lookup.

?X:

?MAKE:libpth glibpth xlibpth plibpth loclibpth incpth: \  
usrinc incpath test cat Myread Oldconfig sysroot osname \  
ccname echo cppstd in awk grep sed rm usecrosscompile

?MAKE: -pick add \$@ %<

?S:libpth:

?S: This variable holds the general path (space-separated) used to find

?S: libraries. It is intended to be used by other units.

?S:.

?S:glibpth:

?S: This variable holds the general path (space-separated) used to

?S: find libraries. It may contain directories that do not exist on

?S: this platform, libpth is the cleaned-up version.

?S:.

?S:xlibpth:

?S: This variable holds extra path (space-separated) used to find

?S: libraries on this platform, for example CPU-specific libraries

?S: (on multi-CPU platforms) may be listed here.

?S:.

?S:loclibpth:

?S: This variable holds the paths (space-separated) used to find local

?S: libraries. It is prepended to libpth, and is intended to be easily

?S: set from the command line.

?S:.

?S:plibpth:

?S: Holds the private path used by Configure to find out the libraries.

?S: Its value is prepended to libpth. This variable takes care of special

?S: machines, like the mips. Usually, it should be empty.

?S:.

?S:incpth:

?S: This variable must precede the normal include path to get the

?S: right one, as in "\$incpath/usr/include" or "\$incpath/usr/lib".

?S: Value can be "" or "/bsd43" on mips.

?S:.

?T: xxx dlist i j croak

?LINT:extern incpth

?LINT:change usrinc

?INIT:: change the next line if compiling for Xenix/286 on Xenix/386

?INIT:xlibpth="/usr/lib/386 /lib/386"

?INIT:: Possible local library directories to search.

?INIT:loclibpth="/usr/local/lib /opt/local/lib /usr/gnu/lib"

?INIT:loclibpth="\$loclibpth /opt/gnu/lib /usr/GNU/lib /opt/GNU/lib"

?INIT:

?INIT:: general looking path for locating libraries

?INIT:glibpth="/lib /usr/lib \$xlibpth"

?INIT:glibpth="\$glibpth /usr/ccs/lib /usr/ucblib /usr/local/lib"

?X: /shlib is for Digital Unix 4.0

?X: /usr/shlib is for OSF/1 systems.

?INIT:test -f /usr/shlib/libc.so && glibpth="/usr/shlib \$glibpth"

?INIT:test -f /shlib/libc.so && glibpth="/shlib \$glibpth"

?INIT:test -d /usr/lib64 && glibpth="\$glibpth /lib64 /usr/lib64 /usr/local/lib64"

?INIT:

?INIT:: Private path used by Configure to find libraries. Its value

?INIT:: is prepended to libpth. This variable takes care of special

?INIT:: machines, like the mips. Usually, it should be empty.

?INIT:plibpth="

?INIT:

?X:cppfilter is later used in Findhdr.U, but we not want to expose it to config.h

?T:cppfilter

: Adjust cppfilter for path component separator

```

case "$osname" in
vos) cppfilter="tr '\|\|>' '/' '|' ;; # path component separator is >
os2) cppfilter="sed -e 's|\|\|\|\|\|\|\|/|g'|" ;; # path component separator is \
*) cppfilter=" ;;
esac

```

: Use gcc to determine libpth and incpth

# If using gcc or clang, we can get better values for libpth, incpth

# and usrinc directly from the compiler.

# Note that ccname for clang is also gcc.

```

case "$ccname" in
gcc)
$echo 'extern int foo;' > try.c
set X ` $cppstdin -v try.c 2>&1 | $awk '/^#include </,/^End of search /|'$cppfilter $grep '/include`
shift
if $test $# -gt 0; then
incpth="$incpth $*"
incpth="$echo $incpth|$sed 's/^ //' "
for i in $*; do

```

```

j="`$echo $i|$sed 's,/include$,/lib,`"
if $test -d $j; then
    libpth="$libpth $j"
fi
done
libpth="`$echo $libpth|$sed 's/^ //'`"
for xxx in $libpth $loclibpth $plibpth $glibpth; do
if $test -d $xxx; then
    case " $libpth " in
        *" $xxx ") ;;
        *) libpth="$libpth $xxx";;
    esac
fi
done
fi
$rm -f try.c
case "$usrinc" in
") for i in $incpth; do
if $test -f $i/errno.h -a -f $i/stdio.h -a -f $i/time.h; then
    usrinc="$i"
    break
fi
done
;;
esac

case "$usecrosscompile" in
$define|true|[yY]*)
    case "$incpth" in
") echo "Incpth not defined." >&4; croak=y ;;
*) echo "Using incpth '$incpth'." >&4 ;;
    esac
    case "$libpth" in
") echo "Libpth not defined." >&4; croak=y ;;
*) echo "Using libpth '$libpth'." >&4 ;;
    esac
    case "$usrinc" in
") echo "Usrinc not defined." >&4; croak=y ;;
*) echo "Using usrinc $usrinc." >&4 ;;
    esac
    case "$croak" in
y)
if test "X$sysroot" = X; then
    echo "Cannot continue, aborting." >&4; exit 1
else
    echo "Cross-compiling using sysroot $sysroot, failing to guess inc/lib paths is not fatal" >&4
fi
;;

```



```
    esac
    ;;
esac
;;
esac
```

```
: Default value for incpth is just usrinc
case "$incpth" in
") incpth="$usrinc";;
esac
```

```
: Set private lib path
case "$plibpth" in
") if ./mips; then
?X: on mips, we DO NOT want /lib, and we want $incpath/usr/lib
plibpth="$incpath/usr/lib $sysroot/usr/local/lib $sysroot/usr/ccs/lib"
    fi;;
esac
case "$libpth" in
' ') dlist="";;
") dlist="$loclibpth $plibpth $glibpth";;
*) dlist="$libpth";;
esac
```

```
: Now check and see which directories actually exist, avoiding duplicates
for xxx in $dlist
do
    if $test -d $xxx; then
    case " $libpth " in
*" $xxx ") ;;
*) libpth="$libpth $xxx";;
    esac
    fi
done
$cat <<'EOM'
```

Some systems have incompatible or broken versions of libraries. Among the directories listed in the question below, please remove any you know not to be holding relevant libraries, and add any that are needed. Say "none" for none.

EOM

```
if test "X$sysroot" != X; then
    $cat <<EOM
```

You have set sysroot to \$sysroot, please supply the directories excluding sysroot

EOM

fi

```
case "$libpth" in
") dflt='none';;
*)
?X: strip leading space
set X $libpth
shift
dflt=${1+"$@"}
;;
esac
rp="Directories to use for library searches?"
./myread
case "$ans" in
none) libpth=' ';;
*) libpth="$ans";;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/libpth.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_linuxstd.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d\_linuxstd.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:14:05 ram

?RCS: patch36: created by ADO

?RCS:

?MAKE:d\_linuxstd: d\_stdstdio cppstdin cppflags cppminus \

contains rm Setvar Findhdr

?MAKE: -pick add \$@ %<

?S:d\_linuxstd:

?S: This variable conditionally defines USE\_LINUX\_STDIO if this system

?S: has a FILE structure declaring \_IO\_read\_base, \_IO\_read\_ptr,

?S: and \_IO\_read\_end in stdio.h.

?S:.

?C:USE\_LINUX\_STDIO:

?C: This symbol is defined if this system has a FILE structure declaring

?C: \_IO\_read\_base, \_IO\_read\_ptr, and \_IO\_read\_end in stdio.h.

?C:.

?H:#\$d\_linuxstd USE\_LINUX\_STDIO /\*\*/

?H:.

?T:xxx

?LINT:set d\_linuxstd

: see if stdio is like that in linux

case "\$d\_stdstdio" in

"\$undef")

echo " "

xxx=`./findhdr stdio.h`

\$cppstdin \$cppflags \$cppminus < "\$xxx" > stdio.E

if \$contains 'char.\*\_IO\_read\_base' stdio.E >/dev/null 2>&1 && \

\$contains '\_IO\_read\_ptr' stdio.E >/dev/null 2>&1 && \

\$contains '\_IO\_read\_end' stdio.E >/dev/null 2>&1 ; then

echo "Your stdio looks like linux." >&4

val="\$define"

else

echo "You don't have linux stdio, either." >&4

val="\$undef"

fi

\$rm -f stdio.E

::

\*) val="\$undef" ;;

esac

set d\_linuxstd

eval \$setvar

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_linuxstd.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999, Jarkko Hietaniemi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:multiarch: osname

?MAKE: -pick add \$@ %<

?S:multiarch:

?S: This variable conditionally defines the MULTIARCH symbol

?S: which signifies the presence of multiplatform files.

?S: This is normally set by hints files.

?S:.

?C:MULTIARCH:

?C: This symbol, if defined, signifies that the build

?C: process will produce some binary files that are going to be

?C: used in a cross-platform environment. This is the case for

?C: example with the NeXT "fat" binaries that contain executables

?C: for several CPUs.

?C:.

?H:#\$multiarch MULTIARCH /\*\*/

?H:.

: Check if is a multiplatform env

case "\$osname" in

darwin) multiarch="\$define" ;;

esac

case "\$multiarch" in

"|[nN]\*") multiarch="\$undef" ;;

esac

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/a\_dvisory/multiarch.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_memset.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_memset.U,v \$

?RCS: Revision 3.0.1.1 1993/09/13 16:03:11 ram

?RCS: patch10: removed text recommending bzero over memset (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:36 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_memset: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_memset:

?S: This variable conditionally defines the HAS\_MEMSET symbol, which

?S: indicates to the C program that the memset() routine is available

?S: to set blocks of memory.

?S:.

?C:HAS\_MEMSET (MEMSET):

?C: This symbol, if defined, indicates that the memset routine is available

?C: to set blocks of memory.

?C:.

?H:#\$d\_memset HAS\_MEMSET /\*\*/

?H:.

?LINT:set d\_memset

: see if memset exists

set memset d\_memset

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_memset.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: AAAAA.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: AAAAA.U,v \$

?RCS: Revision 3.0.1.4 1994/06/20 06:50:26 ram

?RCS: patch30: changes from Jarkko Hietaniemi are tagged with JHI

?RCS:

?RCS: Revision 3.0.1.3 1994/05/06 14:01:39 ram

?RCS: patch23: initials for Wayne Davison are now WED

?RCS: patch23: added initials for new unit contributor Andy Dougherty

?RCS:

?RCS: Revision 3.0.1.2 1994/01/24 14:01:09 ram

?RCS: patch16: make metalint shut up on special unit definition for All target

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 15:43:57 ram

?RCS: patch10: documents initials used for Wayne Davison's contributions

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:44 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: The purpose of this file is to supply the head of the Makefile created

?X: by metaconfig. For this reason it must be first in alphabetical order.  
?X: The leading '+' in front of the unit name is a hint for metalint, since  
?X: the use of that special unit name as a "made" unit is legitimate here.  
?X:  
?MAKE:+All: Finish  
?X:  
?X: Throughout the units, the following initials are used to identify comments:  
?X:  
?X: HMS: Harlan Stenn  
?X: RAM: Raphael Manfredi  
?X: WED: Wayne Davison (was WAD by mistake--RAM)  
?X: ADO: Andy Dougherty  
?X: JHI: Jarkko Hietaniemi  
?X:  
?X: Agreed, this is a weird place to document it, but I couldn't find a better  
?X: place to do so. I've bet on the curiosity of users, who would probably  
?X: want to know what's in this strangely-named file--RAM.

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/AAAAA.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_tcgetgrp.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>  
?RCS:  
?RCS: \$Log: d\_tcgetgrp.U,v \$  
?RCS: Revision 3.0.1.1 1994/08/29 16:12:08 ram  
?RCS: patch32: created by ADO  
?RCS:  
?MAKE:d\_tcgetgrp: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_tcgetgrp:  
?S: This variable conditionally defines the HAS\_TCGETPGRP symbol, which  
?S: indicates to the C program that the tcgetgrp() routine is available.  
?S: to get foreground process group ID.  
?S:.  
?C:HAS\_TCGETPGRP :  
?C: This symbol, if defined, indicates that the tcgetgrp routine is

?C: available to get foreground process group ID.

?C:.

?H:#\$d\_tcgetpgrp HAS\_TCGETPGRP /\*\*/

?H:.

?LINT:set d\_tcgetpgrp

: see if tcgetpgrp exists

set tcgetpgrp d\_tcgetpgrp

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_tcgetpgrp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_strtold\_l: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strtold\_l:

?S: This variable conditionally defines the HAS\_STRTOLD\_L symbol, which

?S: indicates to the C program that the strtold\_l() routine is available.

?S:.

?C:HAS\_STRTOLD\_L:

?C: This symbol, if defined, indicates that the strtold\_l routine is

?C: available to convert strings to long doubles.

?C:.

?H:#\$d\_strtold\_l HAS\_STRTOLD\_L /\*\*/

?H:.

?LINT:set d\_strtold\_l

: see if strtold\_l exists

set strtold\_l d\_strtold\_l

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_strtold\_l.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: man1dir.U,v 3.2 1999/07/08 20:57:21 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1996, 1999 Andy Dougherty

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: man1dir.U,v \$

?RCS: Revision 3.2 1999/07/08 20:57:21 doughera

?RCS: Used installprefix.

?RCS:

?RCS: Revision 3.1 1999/07/08 20:52:19 doughera

?RCS: Updated for perl5.005\_5x

?RCS:

?RCS: Revision 3.0.1.1 1997/02/28 16:10:29 ram

?RCS: patch61: created

?RCS:

?X: This was originally specific to perl5. Since perl5 has man pages that

?X: go in both man1/ and man3/ directories, we need both man1dir

?X: and man3dir. This unit is basically dist's mansrc.U with

?X: man1 used instead of man everywhere.

?X:

?MAKE:man1dir man1direxp man1ext installman1dir: cat nroff Loc Oldconfig \  
package test Getfile Setprefixvar Prefixit Prefixup sysman Myread \  
prefixexp

?MAKE: -pick add \$@ %<

?Y:TOP

?D:man1dir="

?S:man1dir:

?S: This variable contains the name of the directory in which manual

?S: source pages are to be put. It is the responsibility of the

?S: Makefile.SH to get the value of this into the proper command.

?S: You must be prepared to do the ~name expansion yourself.

?S:.

?D:man1direxp="

?S:man1direxp:

?S: This variable is the same as the man1dir variable, but is filename

?S: expanded at configuration time, for convenient use in makefiles.

?S:.

?D:installman1dir="

?S:installman1dir:

?S: This variable is really the same as man1direxp, unless you are using

?S: AFS in which case it points to the read/write location whereas

?S: man1direxp only points to the read-only access location. For extra

?S: portability, you should only use this variable within your makefiles.

?S:.

?S:man1ext:

?S: This variable contains the extension that the manual page should

?S: have: one of 'n', 'l', or '1'. The Makefile must supply the 'l'.



```

?S: See man1dir.
?S:.
?T:lookpath
?LINT:change prefixvar
?LINT:set man1direxp
: determine where manual pages go
set man1dir man1dir none
eval $prefixit
$cat <<EOM

$spackage has manual pages available in source form.
EOM
case "$nroff" in
nroff)
echo "However, you don't have nroff, so they're probably useless to you."
case "$man1dir" in
") man1dir="none";;
esac;;
esac
echo "If you don't want the manual sources installed, answer 'none'."
case "$man1dir" in
' ') dflt=none
;;
")
lookpath="$prefixexp/share/man/man1"
lookpath="$lookpath $prefixexp/man/man1 $prefixexp/man/l_man/man1"
lookpath="$lookpath $prefixexp/man/p_man/man1"
lookpath="$lookpath $prefixexp/man/u_man/man1"
lookpath="$lookpath $prefixexp/man/man.1"
?X: Experience has shown people expect man1dir to be under prefix,
?X: so we now always put it there. Users who want other behavior
?X: can answer interactively or use a command line option.
?X: Does user have System V-style man paths.
case "$sysman" in
*/?_man*) dflt=`./loc . $prefixexp/l_man/man1 $lookpath` ;;
*) dflt=`./loc . $prefixexp/man/man1 $lookpath` ;;
esac
set dflt
eval $prefixup
;;
*) dflt="$man1dir"
;;
esac
echo " "
fn=dn+~
rp="Where do the main $spackage manual pages (source) go?"
./getfile
if $test "X$man1direxp" != "X$ansexp"; then

```

```
installman1dir="
fi
prefixvar=man1dir
./setprefixvar
```

```
case "$man1dir" in
") man1dir=' '
installman1dir="";;
esac
```

: What suffix to use on installed man pages

```
case "$man1dir" in
' ')
man1ext='0'
;;
*)
rp="What suffix should be used for the main $spackage man pages?"
case "$man1ext" in
") case "$man1dir" in
*1) dflt=1 ;;
*1p) dflt=1p ;;
*1pm) dflt=1pm ;;
*1) dflt=1;;
*n) dflt=n;;
*o) dflt=o;;
*p) dflt=p;;
*C) dflt=C;;
*L) dflt=L;;
*L1) dflt=L1;;
*) dflt=1;;
esac
;;
*) dflt="$man1ext";;
esac
./myread
man1ext="$ans"
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/man1dir.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_float.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: i_float.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:21:57 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:i_float: Inhdr
?MAKE: -pick add $@ %<
?S:i_float:
?S: This variable conditionally defines the I_FLOAT symbol, and indicates
?S: whether a C program may include <float.h> to get symbols like DBL_MAX
?S: or DBL_MIN, i.e. machine dependent floating point values.
?S:.
?C:I_FLOAT:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <float.h> to get definition of symbols like DBL_MAX or
?C: DBL_MIN, i.e. machine dependent floating point values.
?C:.
?H:#$i_float I_FLOAT /**/
?H:.
?LINT:set i_float
: see if this is a float.h system
set float.h i_float
eval $inhdr

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/i_float.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_scalbnl: Inlibc
?MAKE: -pick add $@ %<
?S:d_scalbnl:
?S: This variable conditionally defines the HAS_SCALBNL symbol, which

```

?S: indicates to the C program that the scalbnl() routine is available.

?S: If ilogbl is also present we can emulate frexpl.

?S:.

?C:HAS\_SCALBNL:

?C: This symbol, if defined, indicates that the scalbnl routine is

?C: available. If ilogbl is also present we can emulate frexpl.

?C:.

?H:#\$d\_scalbnl HAS\_SCALBNL /\*\*/

?H:.

?LINT:set d\_scalbnl

: see if scalbnl exists

set scalbnl d\_scalbnl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_scalbnl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_SHM\_MAC.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_SHM\_MAC.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:41 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_SHM\_MAC d\_SHM\_PRM d\_SHM\_SEG d\_SHM\_IMMU: cat d\_shm test rm +cc +ccflags

?MAKE: -pick add \$@ %<

?S:d\_SHM\_MAC:

?S: Sometimes, the SHMLBA manifest needs sys/sysmacros.h, usually for

?S: the ctob() macro.

?S:.

?S:d\_SHM\_PRM:

?S: Sometimes, the SHMLBA manifest needs sys/param.h, usually for the

?S: NBPC constant.

?S:.

?S:d\_SHM\_SEG:

?S: Sometimes, the SHMLBA manifest needs sys/seg.h, usually for the

?S: SNUMSHFT constant.

?S:.

?S:d\_SHM\_IMMU:

?S: Sometimes, the SHMLBA manifest needs sys/immu.h, usually for the

?S: stob() macro.

?S:.

?C:SHMLBA\_WANTS\_SYSMACROS:

?C: This value tells us to include <sys/sysmacros.h> because SHMLBA

?C: needs something from there, probably the ctob() macro.

?C:.

?C:SHMLBA\_WANTS\_PARAM:

?C: This value tells us to include <sys/param.h> because SHMLBA needs

?C: something from there, probably the NBPC constant.

?C:.

?C:SHMLBA\_WANTS\_SEG:

?C: This value tells us to include <sys/seg.h> because SHMLBA needs

?C: something from there, probably the SNUMSHFT constant.

?C:.

?C:SHMLBA\_WANTS\_IMMU:

?C: This value tells us to include <sys/immu.h> because SHMLBA needs

?C: something from there, probably the stob() macro. (tower\_600 only?)

?C:.

?H:#\$d\_SHM\_MAC SHMLBA\_WANTS\_SYSMACROS /\* SHMLBA wants ctob()? \*/

?H:#\$d\_SHM\_PRM SHMLBA\_WANTS\_PARAM /\* SHMLBA wants NBPC? \*/

?H:#\$d\_SHM\_SEG SHMLBA\_WANTS\_SEG /\* SHMLBA wants SNUMSHFT? \*/

?H:#\$d\_SHM\_IMMU SHMLBA\_WANTS\_IMMU /\* SHMLBA wants stob()? \*/

?H:.

?T:flags D\_sys\_immu D\_sys\_seg D\_sys\_sysmacros D\_sys\_param

: check for SHMLBA braindamage

d\_SHM\_MAC="\$undef"

d\_SHM\_PRM="\$undef"

d\_SHM\_SEG="\$undef"

d\_SHM\_IMMU="\$undef"

if \$test "\$d\_shm" = "\$define" ; then

echo " "

\$cat >&4 <<EOM

Checking to see if SHMLBA needs additional headers.

The headers I'll be checking are:

sys/macros.h (for the ctob() macro)

sys/param.h (for NBPC)

sys/seg.h (for SNUMSHFT)

sys/immu.h (for the stob() macro)

EOM

\$cat >shm\_mac.c <<'EOCP'

#include <sys/types.h>

#include <sys/ipc.h>

#include <sys/shm.h>

#ifdef I\_SYS\_IMMU

#include <sys/immu.h>

```

#endif
#ifdef I_SYS_SYSMACROS
#include <sys/sysmacros.h>
#endif
#ifdef I_SYS_PARAM
#include <sys/param.h>
#endif
#ifdef I_SYS_SEG
#include <sys/seg.h>
#endif

int main() {
int foo = SHMLBA ;
}
EOCP
flags='xxx'
for D_sys_immu in "'-DI_SYS_IMMU'; do
for D_sys_seg in "'-DI_SYS_SEG'; do
for D_sys_sysmacros in "'-DI_SYS_SYSMACROS'; do
for D_sys_param in "'-DI_SYS_PARAM'; do
case "$flags" in
'xxx')
case "$D_sys_immu$D_sys_param$D_sys_sysmacros$D_sys_seg" in
")
echo "Trying it normally..."
;;
*)
echo "Trying $D_sys_immu $D_sys_param $D_sys_sysmacros $D_sys_seg"
;;
esac
if $cc $ccflags \
$D_sys_immu $D_sys_param $D_sys_sysmacros $D_sys_seg \
-o shm_mac shm_mac.c >/dev/null 2>&1 ; then
set X $D_sys_immu $D_sys_param $D_sys_sysmacros $D_sys_seg
shift
flags="$*"
echo "Succeeded with $flags"
fi
;;
esac
done
done
done
done
done
case "$flags" in
xxx)
echo "I don't know how to keep SHMLBA happy. Good luck!"
;;

```

```

esac
case "$flags" in
*_I_SYS_PARAM*) d_SHM_PRM="$define";;
esac
case "$flags" in
*_I_SYS_SYSMACROS*) d_SHM_MAC="$define";;
esac
case "$flags" in
*_I_SYS_SEG*) d_SHM_SEG="$define";;
esac
case "$flags" in
*_I_SYS_IMMU*) d_SHM_IMMU="$define";;
esac
fi
$rm -f shm_mac*

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_SHM_MAC.U

```

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: prefix.U,v \$

?RCS: Revision 3.0.1.2 1995/01/30 14:44:05 ram

?RCS: patch49: new prefixexp variable holding a fully expanded prefix

?RCS: patch49: save off previous prefix value in oldprefix if changed (WED)

?RCS: patch49: added the INSTALLPREFIX define for C programs to use (WED)

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:31:34 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:prefix prefixexp +oldprefix: Getfile Loc Oldconfig cat package

?MAKE: -pick add \$@ %<

?S:prefix:

?S: This variable holds the name of the directory below which the

?S: user will install the package. Usually, this is /usr/local, and

?S: executables go in /usr/local/bin, library stuff in /usr/local/lib,

?S: man pages in /usr/local/man, etc. It is only used to set defaults  
 ?S: for things in bin.U, mansrc.U, privlib.U, or scriptdir.U.  
 ?S:.  
 ?S:prefixexp:  
 ?S: This variable holds the full absolute path of the directory below  
 ?S: which the user will install the package. Derived from prefix.  
 ?S:.  
 ?S:oldprefix:  
 ?S: This variable is set non-null if the prefix was previously defined  
 ?S: and gets set to a new value. Used internally by Configure only.  
 ?S:.  
 ?C:INSTALLPREFIX:  
 ?C: This symbol contains the name of the install prefix for this package.  
 ?C:.  
 ?H:#define INSTALLPREFIX "\$prefix" /\*\*/  
 ?H:.  
 : determine root of directory hierarchy where package will be installed.  
 case "\$prefix" in  
 ")  
 dflt=`./loc . /usr/local /usr/local /local /opt /usr`  
 ;;  
 \*)  
 dflt="\$prefix"  
 ;;  
 esac  
 \$cat <<EOM

By default, \$package will be installed in \$dflt/bin, manual pages under \$dflt/man, etc..., i.e. with \$dflt as prefix for all installation directories. Typically set to /usr/local, but you may choose /usr if you wish to install \$package among your system binaries. If you wish to have binaries under /bin but manual pages under /usr/local/man, that's ok: you will be prompted separately for each of the installation directories, the prefix being only used to set the defaults.

```
EOM
fn=d~
rp='Installation prefix to use?'
./getfile
oldprefix=""
case "$prefix" in
") ;;
*)
case "$ans" in
"$prefix") ;;
*) oldprefix="$prefix";;
esac
```



```
;;
esac
prefix="$ans"
prefixexp="$sansexp"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/prefix.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getpwent\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_getpwent\_r getpwent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_pwd extern\_C

?MAKE: -pick add \$@ %<

?S:d\_getpwent\_r:

?S: This variable conditionally defines the HAS\_GETPWENT\_R symbol,

?S: which indicates to the C program that the getpwent\_r()

?S: routine is available.

?S:.

?S:getpwent\_r\_proto:

?S: This variable encodes the prototype of getpwent\_r.

?S: It is zero if d\_getpwent\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getpwent\_r

?S: is defined.

?S:.

?C:HAS\_GETPWENT\_R:

?C: This symbol, if defined, indicates that the getpwent\_r routine

?C: is available to getpwent re-entrantly.

?C:.

?C:GETPWENT\_R\_PROTO:

?C: This symbol encodes the prototype of getpwent\_r.

?C: It is zero if d\_getpwent\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getpwent\_r

?C: is defined.

?C:.

?H:#\$d\_getpwent\_r HAS\_GETPWENT\_R /\*\*/

?H:#define GETPWENT\_R\_PROTO \$getpwent\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_getpwent\_r\_proto

: see if getpwent\_r exists

set getpwent\_r d\_getpwent\_r

```

eval $inlibc
case "$d_getpwent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
case "$d_getpwent_r_proto:$usethreads" in
":define") d_getpwent_r_proto=define
set d_getpwent_r_proto getpwent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getpwent_r_proto" in
define)
case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, size_t, struct passwd**);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=I_SBWR ;;
esac
case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, int, struct passwd**);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=I_SBIR ;;
esac
case "$getpwent_r_proto" in
"|0) try='struct passwd* getpwent_r(struct passwd*, char*, size_t);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=S_SBW ;;
esac
case "$getpwent_r_proto" in
"|0) try='struct passwd* getpwent_r(struct passwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=S_SBI ;;
esac
case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=I_SBI ;;
esac
case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, int, FILE**);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=I_SBIH ;;
esac
case "$getpwent_r_proto" in
"|0) d_getpwent_r=undef
getpwent_r_proto=0
echo "Disabling getpwent_r, cannot determine prototype." >&4 ;;
*) case "$getpwent_r_proto" in
REENTRANT_PROTO*) ;;
*) getpwent_r_proto="REENTRANT_PROTO_$getpwent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in

```

```

define) echo "getpwent_r has no prototype, not using it." >&4 ;;
esac
d_getpwent_r=undef
getpwent_r_proto=0
;;
esac
;;
*) getpwent_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getpwent_r.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_times.U,v 3.0.1.2 1995/07/25 14:07:50 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_times.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 14:07:50 ram
?RCS: patch56: typo fix, sytem -> system
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:14:00 ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:46 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: What is the type returned by times() ?
?X:
?X: Force inclusion of <sys/types.h>
?X:INC: i_systypes
?MAKE:d_times clocktype: Csym Myread Typedef i_systimes
?MAKE:-pick add $@ %<
?S:d_times:
?S: This variable conditionally defines the HAS_TIMES symbol, which indicates
?S: that the times() routine exists. The times() routine is normally
?S: provided on UNIX systems. You may have to include <sys/times.h>.
?S:.

```

?S:clocktype:

?S: This variable holds the type returned by times(). It can be long,  
?S: or clock\_t on BSD sites (in which case <sys/types.h> should be  
?S: included).

?S:.

?C:HAS\_TIMES (TIMES):

?C: This symbol, if defined, indicates that the times() routine exists.

?C: Note that this became obsolete on some systems (SUNOS), which now

?C: use getrusage(). It may be necessary to include <sys/times.h>.

?C:.

?C:Clock\_t (CLOCKTYPE):

?C: This symbol holds the type returned by times(). It can be long,

?C: or clock\_t on BSD sites (in which case <sys/types.h> should be

?C: included).

?C:.

?H:#\$d\_times HAS\_TIMES /\*\*/

?H:#define Clock\_t \$clocktype /\* Clock time \*/

?H:.

?T:val inc

: see if times exists

echo " "

if set times val -f d\_times; eval \$csym; \$val; then

echo 'times() found.' >&4

d\_times="\$define"

inc="

case "\$i\_systimes" in

"\$define") inc='sys/times.h';;

esac

rp="What is the type returned by times() on this system?"

set clock\_t clocktype long stdio.h sys/types.h \$inc

eval \$typedef\_ask

else

echo 'times() NOT found, hope that will do.' >&4

d\_times="\$undef"

?X: The following is needed for typedef (won't like an empty variable)

clocktype='int'

fi

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/d\_times.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:use64bitint use64bitall archname64: Myread Oldconfig Setvar test \
 usemorebits longsize cflags d\_quad uquadtype Compile rm\_try run

?MAKE: -pick add \$@ %<

?Y:TOP

?S:use64bitint:

?S: This variable conditionally defines the USE\_64\_BIT\_INT symbol,

?S: and indicates that 64-bit integer types should be used

?S: when available. The minimal possible 64-bitness

?S: is employed, just enough to get 64-bit integers into Perl.

?S: This may mean using for example "long longs", while your memory

?S: may still be limited to 2 gigabytes.

?S:.

?S:use64bitall:

?S: This variable conditionally defines the USE\_64\_BIT\_ALL symbol,

?S: and indicates that 64-bit integer types should be used

?S: when available. The maximal possible

?S: 64-bitness is employed: LP64 or ILP64, meaning that you will

?S: be able to use more than 2 gigabytes of memory. This mode is

?S: even more binary incompatible than USE\_64\_BIT\_INT. You may not

?S: be able to run the resulting executable in a 32-bit CPU at all or

?S: you may need at least to reboot your OS to 64-bit mode.

?S:.

?S:archname64:

?S: This variable is used for the 64-bitness part of \$archname.

?S:.

?C:USE\_64\_BIT\_INT:

?C: This symbol, if defined, indicates that 64-bit integers should

?C: be used when available. If not defined, the native integers

?C: will be employed (be they 32 or 64 bits). The minimal possible

?C: 64-bitness is used, just enough to get 64-bit integers into Perl.

?C: This may mean using for example "long longs", while your memory

?C: may still be limited to 2 gigabytes.

?C:.

?C:USE\_64\_BIT\_ALL:

?C: This symbol, if defined, indicates that 64-bit integers should

?C: be used when available. If not defined, the native integers

?C: will be used (be they 32 or 64 bits). The maximal possible

?C: 64-bitness is employed: LP64 or ILP64, meaning that you will

?C: be able to use more than 2 gigabytes of memory. This mode is

?C: even more binary incompatible than USE\_64\_BIT\_INT. You may not

?C: be able to run the resulting executable in a 32-bit CPU at all or

?C: you may need at least to reboot your OS to 64-bit mode.

?C:.

?H:%<:#ifndef USE\_64\_BIT\_INT

?H:%<:#\$use64bitint USE\_64\_BIT\_INT /\*\*/

?H:%<:#endif

```

?H:?%<:#ifndef USE_64_BIT_ALL
?H:?%<:#$use64bitall USE_64_BIT_ALL /**/
?H:?%<:#endif
?H:.
?INIT:archname64="
?LINT:extern cflags
?LINT:use usemorebits
?LINT:extern use64bits
?LINT:extern uselonglong
?LINT:extern uselonglongs
?LINT:extern use64bitints
?LINT:extern use64bitsint
?LINT:extern use64bitsall
?T:libcquad
?F:!try
?F:!use64bitint.cbu
?F:!use64bitall.cbu
: Do we want 64bit support
case "$uselonglong" in
"$define"|true|[yY]*)
cat <<EOM >&4

*** Configure -Duselonglong is deprecated, using -Duse64bitint instead.
EOM
use64bitint="$define"
;;
esac
case "$use64bits" in
"$define"|true|[yY]*)
cat <<EOM >&4

*** Configure -Duse64bits is deprecated, using -Duse64bitint instead.
EOM
use64bitint="$define"
;;
esac
case "$use64bitints" in
"$define"|true|[yY]*)
cat <<EOM >&4

*** There is no Configure -Duse64bitints, using -Duse64bitint instead.
EOM
use64bitint="$define"
;;
esac
case "$use64bitsint" in
"$define"|true|[yY]*)
cat <<EOM >&4

```

\*\*\* There is no Configure -Duse64bitsint, using -Duse64bitint instead.

EOM

```
use64bitint="$define"
;;
esac
case "$uselongs" in
"$define"|true|[yY]*)
cat <<EOM >&4
```

\*\*\* There is no Configure -Duselongs, using -Duse64bitint instead.

EOM

```
use64bitint="$define"
;;
esac
case "$use64bitsall" in
"$define"|true|[yY]*)
cat <<EOM >&4
```

\*\*\* There is no Configure -Duse64bitsall, using -Duse64bitall instead.

EOM

```
use64bitall="$define"
;;
esac

case "$ccflags" in
*-DUSE_LONG_LONG*|-DUSE_64_BIT_INT*|-DUSE_64_BIT_ALL*) use64bitint="$define";;
esac
case "$use64bitall" in
"$define"|true|[yY]*) use64bitint="$define" ;;
esac
```

case "\$longsize" in

8) cat <<EOM

You have natively 64-bit long integers.

EOM

```
val="$define"
;;
*) case "$use64bitint" in
"$define"|true|[yY]*) dflt='y';;
*) dflt='n';;
esac
case "$d_quad" in
"$define") ;;
*) dflt='n' ;;
esac
cat <<EOM
```

Perl can be built to take advantage of 64-bit integer types on some systems. To do so, Configure can be run with `-Duse64bitint`. Choosing this option will most probably introduce binary incompatibilities.

If this doesn't make any sense to you, just accept the default `'$dflt'`. (The default has been chosen based on your configuration.)

EOM

```
rp="Try to use 64-bit integers, if available?"
./myread
case "$ans" in
[yY]*) val="$define" ;;
*) val="$undef" ;;
esac
;;
esac
set use64bitint
eval $setvar
```

```
case "$use64bitall" in
"$define"|true|[yY]*) dflt='y' ;;
*) case "$longsize" in
8) dflt='y' ;;
*) dflt='n' ;;
esac
;;
esac
cat <<EOM
```

You may also choose to try maximal 64-bitness. It means using as much 64-bitness as possible on the platform. This in turn means even more binary incompatibilities. On the other hand, your platform may not have any more 64-bitness available than what you already have chosen.

If this doesn't make any sense to you, just accept the default `'$dflt'`. (The default has been chosen based on your configuration.)

EOM

```
rp="Try to use maximal 64-bit support, if available?"
./myread
case "$ans" in
[yY]*) val="$define" ;;
*) val="$undef" ;;
esac
set use64bitall
eval $setvar
case "$use64bitall" in
"$define")
case "$use64bitint" in
```



```
"$undef")
cat <<EOM
```

Since you have chosen a maximally 64-bit build, I'm also turning on the use of 64-bit integers.

```
EOM
```

```
use64bitint="$define" ;;
esac
;;
esac
```

```
: Look for a hint-file generated 'call-back-unit'. If the
: user has specified that a 64-bit perl is to be built,
: we may need to set or change some other defaults.
if $test -f use64bitint.cbu; then
echo "Your platform has some specific hints regarding 64-bit integers, using them..."
. ./use64bitint.cbu
fi
case "$use64bitint" in
"$define"|true[[yY]*)
: This test was common to all the OpenBSD forks, and seems harmless for
: other platforms:
echo " "
echo "Checking if your C library has broken 64-bit functions..." >&4
cat >try.c <<EOCP
#include <stdio.h>
typedef $uquadtype myULL;
int main (void)
{
    struct {
    double d;
    myULL u;
    } *p, test[] = {
    {4294967303.15, 4294967303ULL},
    {4294967294.2, 4294967294ULL},
    {4294967295.7, 4294967295ULL},
    {0.0, 0ULL}
    };
    for (p = test; p->u; p++) {
    myULL x = (myULL)p->d;
    if (x != p->u) {
        printf("buggy\n");
        return 0;
    }
    }
    printf("ok\n");
    return 0;
}
```

```

EOCP
set try
if eval $compile_ok; then
    libcquad=`$run ./try`
    echo "Your C library's 64-bit functions are $libcquad."
else
    echo "(I can't seem to compile the test program.)"
    echo "Assuming that your C library's 64-bit functions are ok."
    libcquad="ok"
fi
$rm_try

```

```

case "$libcquad" in
    buggy*)
cat >&4 <<EOM

```

```

*** You have a C library with broken 64-bit functions.
*** 64-bit support does not work reliably in this configuration.
*** Please rerun Configure without -Duse64bitint and/or -Dusemorebits.
*** Cannot continue, aborting.

```

```

EOM
exit 1
;;
esac
case "$longsize" in
4) case "$sarchname64" in
    ") archname64=64int ;;
    esac
    ;;
esac
;;
esac

```

```

: Look for a hint-file generated 'call-back-unit'. If the
: user has specified that a maximally 64-bit perl is to be built,
: we may need to set or change some other defaults.
if $test -f use64bitall.cbu; then
echo "Your platform has some specific hints regarding 64-bit builds, using them..."
. ./use64bitall.cbu

```

```

fi
case "$use64bitall" in
"$define"|true|[yY]*)
case "$longsize" in
4) case "$sarchname64" in
    "|64int) archname64=64all ;;
    esac
    ;;

```

```
esac
;;
esac
```

```
case "$d_quad:$use64bitint" in
$undef:$define)
cat >&4 <<EOF
```

```
*** You have chosen to use 64-bit integers,
*** but none can be found.
*** Please rerun Configure without -Duse64bitint and/or -Dusemorebits.
*** Cannot continue, aborting.
```

```
EOF
exit 1
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/use64bits.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Tye McQueen <tye@metronet.com> added safe setuid script checks.

?RCS:

?RCS: \$Log: d\_dosuid.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:33:03 ram

?RCS: patch61: moved unit to TOP via a ?Y: layout directive

?RCS: patch61: tell them /dev/fd is not about floppy disks

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:12:08 ram

?RCS: patch36: added checks for secure setuid scripts (Tye McQueen)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:55 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_dosuid d\_suidsafesafe: cat contains ls rm test Myread Setvar \

Oldconfig Guess package hint

```

?MAKE: -pick add $@ %<
?S:d_suidSAFE:
?S: This variable conditionally defines SETUID_SCRIPTS_ARE_SECURE_NOW
?S: if setuid scripts can be secure. This test looks in /dev/fd/.
?S:.
?S:d_dosuid:
?S: This variable conditionally defines the symbol DOSUID, which
?S: tells the C program that it should insert setuid emulation code
?S: on hosts which have setuid #! scripts disabled.
?S:.
?C:SETUID_SCRIPTS_ARE_SECURE_NOW:
?C: This symbol, if defined, indicates that the bug that prevents
?C: setuid scripts from being secure is not present in this kernel.
?C:.
?C:DOSUID:
?C: This symbol, if defined, indicates that the C program should
?C: check the script that it is executing for setuid/setgid bits, and
?C: attempt to emulate setuid/setgid on systems that have disabled
?C: setuid #! scripts because the kernel can't do it securely.
?C: It is up to the package designer to make sure that this emulation
?C: is done securely. Among other things, it should do an fstat on
?C: the script it just opened to make sure it really is a setuid/setgid
?C: script, it should make sure the arguments passed correspond exactly
?C: to the argument on the #! line, and it should not trust any
?C: subprocesses to which it must pass the filename rather than the
?C: file descriptor of the script to be executed.
?C:.
?H:#$d_suidSAFE SETUID_SCRIPTS_ARE_SECURE_NOW /**/
?H:#$d_dosuid DOSUID /**/
?H:.
?Y:TOP
?F:!reflect
?LINT: set d_suidSAFE
?LINT: set d_dosuid
: see if setuid scripts can be secure
$cat <<EOM

```

Some kernels have a bug that prevents setuid #! scripts from being secure. Some sites have disabled setuid #! scripts because of this.

First let's decide if your kernel supports secure setuid #! scripts. (If setuid #! scripts would be secure but have been disabled anyway, don't say that they are secure if asked.)

EOM

```

val="$undef"
if $test -d /dev/fd; then

```

```

echo "#!$ls" >reflect
chmod +x,u+s reflect
./reflect >flect 2>&1
if $contains "/dev/fd" flect >/dev/null; then
echo "Congratulations, your kernel has secure setuid scripts!" >&4
val="$define"
else
$cat <<EOM

```

If you are not sure if they are secure, I can check but I'll need a username and password different from the one you are using right now. If you don't have such a username or don't want me to test, simply enter 'none'.

EOM

```

rp='Other username to test security of setuid scripts with?'
dflt='none'
. ./myread
case "$ans" in
n|none)
case "$d_suidsafesafe" in
") echo "I'll assume setuid scripts are *not* secure." >&4
dflt=n;;
"$undef")
echo "Well, the $hint value is *not* secure." >&4
dflt=n;;
*) echo "Well, the $hint value *is* secure." >&4
dflt=y;;
esac
;;
*)
$rm -f reflect flect
echo "#!$ls" >reflect
chmod +x,u+s reflect
echo >flect
chmod a+w flect
echo "'su" will (probably) prompt you for "'$ans's password."
su $ans -c './reflect >flect'
if $contains "/dev/fd" flect >/dev/null; then
echo "Okay, it looks like setuid scripts are secure." >&4
dflt=y
else
echo "I don't think setuid scripts are secure." >&4
dflt=n
fi
;;
esac
rp='Does your kernel have *secure* setuid scripts?'
. ./myread

```

```

case "$ans" in
[yY]*) val="$define";;
*) val="$undef";;
esac
fi
else
echo "I don't think setuid scripts are secure (no /dev/fd directory)." >&4
echo "(That's for file descriptors, not floppy disks.)"
val="$undef"
fi
set d_suidsafesafe
eval $setvar

```

```
$rm -f reflect flect
```

```

: now see if they want to do setuid emulation
echo " "
val="$undef"
case "$d_suidsafesafe" in
"$define")
val="$undef"
echo "No need to emulate SUID scripts since they are secure here." >& 4
;;
*)

```

```
$cat <<EOM
```

Some systems have disabled setuid scripts, especially systems where setuid scripts cannot be secure. On systems where setuid scripts have been disabled, the setuid/setgid bits on scripts are currently useless. It is possible for \$package to detect those bits and emulate setuid/setgid in a secure fashion. This emulation will only work if setuid scripts have been disabled in your kernel.

```
EOM
```

```

case "$d_dosuid" in
"$define") dflt=y ;;
*) dflt=n ;;
esac
rp="Do you want to do setuid/setgid emulation?"
. ./myread
case "$ans" in
[yY]*) val="$define";;
*) val="$undef";;
esac
;;
esac
set d_dosuid
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dosuid.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: newslib.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: newslib.U,v $
?RCS: Revision 3.0 1993/08/18 12:09:23 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:newslib newslibexp: test inews Oldconfig Getfile
?MAKE: -pick add $@ %<
?S:newslib:
?S: This variable contains the eventual value of the NEWSLIB symbol,
?S: which holds the name of the directory serving as the news library.
?S: It may have a ~ on the front. See newslibexp for expanded version.
?S:.
?S:newslibexp:
?S: This variable contains the ~ expanded name of the news library
?S: directory. See newslib.
?S:.
?C:NEWSLIB:
?C: This symbol contains the name of the directory serving as the news
?C: library. The program must be prepared to do ~ expansion on it.
?C:.
?C:NEWSLIB_EXP:
?C: This symbol is the ~ expanded version of NEWSLIB, for programs that
?C: do not wish to deal with it at run-time.
?C:.
?H:#define NEWSLIB "$newslib" /**/
?H:#define NEWSLIB_EXP "$newslibexp" /**/
?H:.
?LINT:change inews
: figure out news library
case "$newslib" in
")
dflt=/usr/lib/news
;;
*) dflt=$newslib ;;
```

```

esac
echo " "
fn=d~
rp="Where is your news library?"
./getfile
newslib="$ans"
newslibexp="$ansexp"
if $test -f $newslibexp/inews; then
echo "Aha! Inews is really in $newslibexp! Maybe this is 2.10.2..." >&4
case "$inews" in
inews)
: null
;;
*) echo "(Make sure $inews isn't an old version.)";;
esac
inews=$newslibexp/inews
fi

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/newslib.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: html1dir.U,v \$

?RCS:

?RCS: Copyright (c) 1999 Andy Dougherty

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: html1dir.U,v \$

?RCS:

?MAKE:html1dir html1direxp installhtml1dir: cat Loc Myread \

spackage test Getfile Setprefixvar Prefixit Prefixup

?MAKE: -pick add \$@ %<

?Y:TOP

?D:html1dir="

?S:html1dir:

?S: This variable contains the name of the directory in which html

?S: source pages are to be put. This directory is for pages

?S: that describe whole programs, not libraries or modules. It

?S: is intended to correspond roughly to section 1 of the Unix

?S: manuals.

?S:.

?D:html1direxp="



```

?S:html1direxp:
?S: This variable is the same as the html1dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installhtml1dir="
?S:installhtml1dir:
?S: This variable is really the same as html1direxp, unless you are
?S: using a different installprefix. For extra portability, you
?S: should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set html1direxp
?LINT:set installhtml1dir
: determine where html pages for programs go
set html1dir html1dir none
eval $prefixit
$cat <<EOM

```

If you wish to install html files for programs in \$spackage, indicate the appropriate directory here. To skip installing html files, answer "none".

```

EOM
case "$html1dir" in
"|none|$undef|' ') dflt=none ;;
*) dflt=$html1dir ;;
esac
fn=dn+~
rp="Directory for the main $spackage html pages?"
./getfile
prefixvar=html1dir
./setprefixvar
: Use ' ' for none so value is preserved next time through Configure
$test X"$html1dir" = "X" && html1dir=' '

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/html1dir.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_gethname.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

```

?RCS:  
?RCS: \$Log: d\_gethname.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/29 16:13:00 ram  
?RCS: patch36: call ./xenix explicitly instead of relying on PATH  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:06:11 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_gethname d\_uname d\_phostname aphostname: phostname cat \  
myhostname package d\_portable Loc echo n c +i\_whoami +usrinc \  
Myread Guess Oldconfig Csym  
?MAKE: -pick add \$@ %<  
?S:d\_gethname:  
?S: This variable conditionally defines the HAS\_GETHOSTNAME symbol, which  
?S: indicates to the C program that the gethostname() routine may be  
?S: used to derive the host name.  
?S:.  
?S:d\_uname:  
?S: This variable conditionally defines the HAS\_UNAME symbol, which  
?S: indicates to the C program that the uname() routine may be  
?S: used to derive the host name.  
?S:.  
?S:d\_phostname:  
?S: This variable conditionally defines the HAS\_PHOSTNAME symbol, which  
?S: contains the shell command which, when fed to popen(), may be  
?S: used to derive the host name.  
?S:.  
?S:aphostname:  
?S: This variable contains the command which can be used to compute the  
?S: host name. The command is fully qualified by its absolute path, to make  
?S: it safe when used by a process with super-user privileges.  
?S:.  
?C:HAS\_GETHOSTNAME (GETHOSTNAME):  
?C: This symbol, if defined, indicates that the C program may use the  
?C: gethostname() routine to derive the host name. See also HAS\_UNAME  
?C: and PHOSTNAME.  
?C:.  
?C:HAS\_UNAME (UNAME):  
?C: This symbol, if defined, indicates that the C program may use the  
?C: uname() routine to derive the host name. See also HAS\_GETHOSTNAME  
?C: and PHOSTNAME.  
?C:.  
?C:PHOSTNAME:  
?C: This symbol, if defined, indicates the command to feed to the  
?C: popen() routine to derive the host name. See also HAS\_GETHOSTNAME  
?C: and HAS\_UNAME. Note that the command uses a fully qualified path,  
?C: so that it is safe even if used by a process with super-user  
?C: privileges.

```

?C:.
?C:HAS_PHOSTNAME:
?C: This symbol, if defined, indicates that the C program may use the
?C: contents of PHOSTNAME as a command to feed to the popen() routine
?C: to derive the host name.
?C:.
?H:?%<:#$d_gethname HAS_GETHOSTNAME /**/
?H:?%<:#$d_uname HAS_UNAME /**/
?H:?%<:#$d_phostname HAS_PHOSTNAME /**/
?H:?%<:#ifdef HAS_PHOSTNAME
?H:?%<:#define PHOSTNAME "$aphostname" /* How to get the host name */
?H:?%<:#endif
?H:.
?T:file val call
?LINT:change i_whoami
: see how we will look up host name
echo " "
call="
@if HAS_GETHOSTNAME
if set gethostname val -f d_gethname; eval $scsym; $val; then
echo 'gethostname() found.' >&4
d_gethname="$define"
call=gethostname
fi
@end
@if HAS_UNAME
if set uname val -f d_uname; eval $scsym; $val; then
if ./xenix; then
$cat <<'EOM'
uname() was found, but you're running xenix, and older versions of xenix
have a broken uname(). If you don't really know whether your xenix is old
enough to have a broken system call, use the default answer.

```

EOM

```

dflt=y
case "$d_uname" in
"$define") dflt=n;;
esac
rp='Is your uname() broken?'
./myread
case "$ans" in
n*) d_uname="$define"; call=uname;;
esac
else
echo 'uname() found.' >&4
d_uname="$define"
case "$call" in
") call=uname ;;

```

```

    esac
fi
fi
@end
case "$d_gethname" in
") d_gethname="$undef";;
esac
case "$d_uname" in
") d_uname="$undef";;
esac
@if PHOSTNAME || MYHOSTNAME
case "$d_uname$d_gethname" in
*define*)
dflt=n
cat <<EOM

```

Every now and then someone has a \$call() that lies about the hostname but can't be fixed for political or economic reasons. If you wish, I can

```

@if MYHOSTNAME && PHOSTNAME
pretend $call() isn't there and maybe compile in the hostname or
compute it from the '$phostname' command at run-time.
@elsif MYHOSTNAME
pretend $call() isn't there and maybe compile in the hostname.
@elsif PHOSTNAME
pretend $call() isn't there and maybe compute hostname at run-time
thanks to the '$phostname' command.
@elsif WHOAMI
get the hostname from whomai.h (provided you have one).
@else
simply ignore your host name and use something like "noname" instead.
@end

```

```

EOM
rp="Shall I ignore $call() from now on?"
./myread
case "$ans" in
y*) d_uname="$undef" d_gethname="$undef"; $echo $n "Okay...$c";;
esac;;
esac
@end
@if PHOSTNAME || aphostname
?X: Compute the full path name for the command
case "$phostname" in
") aphostname="";;
*) case "$aphostname" in
/*) ;;
*) set X $phostname
shift

```

```

file=$1
shift
file=`./loc $file $file $pth`
aphostname=`echo $file $*`
;;
esac
;;
esac
@end
@if PHOSTNAME && MYHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
case "$phostname" in
") ;;
*)
$cat <<EOT

```

There is no gethostname() or uname() on this system. You have two possibilities at this point:

- 1) You can have your host name (\$myhostname) compiled into \$package, which lets \$package start up faster, but makes your binaries non-portable, or
- 2) you can have \$package use a

```
popen("$aphostname","r")
```

which will start slower but be more portable.

```
@ if WHOAMI
```

Option 1 will give you the option of using whoami.h if you have one.

```
@ end
```

If you want option 2 but with a different command, you can edit config.sh at the end of this shell script.

```
EOT
```

```

case "$d_phostname" in
"$define") dflt=n;;
"$undef") dflt=y;;
")
case "$d_portable" in
"$define") dflt=n ;;
*) dflt=y ;;
esac;;
esac
rp="Do you want your host name compiled in?"
./myread
case "$ans" in

```

```

n*) d_phostname="$define" ;;
*) aphostname=""; d_phostname="$undef";;
esac;;
esac
case "$aphostname" in
")
@ if WHOAMI
case "$i_whoami" in
"$define")
dflt=y
$cat <<EOM

```

No hostname function--you can either use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

or you can have the name we came up with earlier (\$myhostname) hardwired in.

```

EOM
rp="Use whoami.h to get hostname?"
./myread
case "$ans" in
n*) i_whoami="$undef";;
esac
;;
"$undef")
$cat <<EOM

```

No hostname function and no whoami.h -- hardwiring "\$myhostname".

```

EOM
;;
esac;;
@ else
echo 'No hostname function -- hardwiring "$myhostname".' >&4;;
@ end
esac;;
esac
@elsif PHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
case "$phostname" in
")
@ if WHOAMI
case "$i_whoami" in
"$define")
$cat <<EOM

```

No hostname function--we'll use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

EOM

```
;;
*) echo "There will be no way for $package to get your hostname." >&4;;
esac;;
@ else
echo "There will be no way for $package to get your hostname." >&4;;
@ end
*)
echo "I'll use 'popen('"'$aphostname"', "r")' to get your hostname." >&4
;;
esac;;
esac
@elsif MYHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
@ if WHOAMI
case "$i_whoami" in
"$define")
dflt=y
$cat <<EOM
```

No hostname function--you can either use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

or you can have the name we came up with earlier (\$myhostname) hardwired in.

EOM

```
rp="Use whoami.h to get hostname?"
. ./myread
case "$ans" in
n*) i_whoami="$undef";;
esac
;;
"$undef")
echo 'No whoami.h--hardwiring "'$myhostname"'.' >&4;;
esac;;
@ else
echo 'Hardwiring "'$myhostname"'.' >&4;;
@ end
esac
@end
case "$d_phostname" in
") d_phostname="$undef";;
esac
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_gethname.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysresrc.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_sysresrc.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:34 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: Look wether <sys/resource.h> needs to be included

?X:

?MAKE:i\_sysresrc: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_sysresrc:

?S: This variable conditionally defines the I\_SYS\_RESOURCE symbol,

?S: and indicates whether a C program should include <sys/resource.h>.

?S:.

?C:I\_SYS\_RESOURCE (I\_SYSRESOURCE):

?C: This symbol, if defined, indicates to the C program that it should

?C: include <sys/resource.h>.

?C:.

?H:#\$i\_sysresrc I\_SYS\_RESOURCE /\*\*/

?H:.

?LINT:set i\_sysresrc

: see if sys/resource.h has to be included

set sys/resource.h i\_sysresrc

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_sysresrc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Tr.U,v 3.0.1.2 1994/10/29 18:00:54 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:



```

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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Tr.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 18:00:54 ram
?RCS: patch43: forgot to quote $@ to protect against "evil" characters
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 15:58:35 ram
?RCS: patch36: created
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
?X: to do a character translation. It catches translations to uppercase or
?X: to lowercase, and then invokes the real tr to perform the job.
?X:
?X: This unit is necessary on HP machines (HP strikes again!) with non-ascii
?X: ROMAN8-charset, where normal letters are not arranged in a row, so a-z
?X: covers not the whole alphabet but lots of special chars. This was reported
?X: by Andreas Sahlbach <a.sahlbach@tu-bs.de>.
?X:
?X: Units performing a tr '[A-Z]' '[a-z]' or the other way round should include
?X: us in their dependency and use ./tr instead.
?X:
?MAKE:Tr: startsh tr eunicefix
?MAKE: -pick add $@ %<
?F:./tr
?T:up low
: see whether [:lower:] and [:upper:] are supported character classes
echo " "
case ""echo AbyZ | $tr '[:lower:]' '[:upper:]' 2>/dev/null`"-`echo AbyZ | $tr '[:upper:]' '[:lower:]' 2>/dev/null`" in
ABYZ-abyz)
echo "Good, your tr supports [:lower:] and [:upper:] to convert case." >&4
up='[:upper:]'
low='[:lower:]'
;;
*) # There is a discontinuity in EBCDIC between 'R' and 'S'
# (0xd9 and 0xe2), therefore that is a nice testing point.
if test "X$up" = X -o "X$low" = X; then
    case ""echo RS | $tr '[R-S]' '[r-s]' 2>/dev/null`" in
    rs) up='[A-Z]'
    low='[a-z]'
    ;;
    esac
fi
if test "X$up" = X -o "X$low" = X; then

```

```

    case "`echo RS | $tr R-S r-s 2>/dev/null`" in
    rs) up='A-Z'
    low='a-z'
    ;;
    esac
fi
if test "X$up" = X -o "X$low" = X; then
    case "`echo RS | od -x 2>/dev/null`" in
    *D9E2*|*d9e2*)
    echo "Hey, this might be EBCDIC." >&4
    if test "X$up" = X -o "X$low" = X; then
        case "`echo RS | $tr '[A-IJ-RS-Z]' '[a-ij-rs-z]' 2>/dev/null`" in
        rs) up='[A-IJ-RS-Z]'
        low='[a-ij-rs-z]'
        ;;
        esac
    fi
    if test "X$up" = X -o "X$low" = X; then
        case "`echo RS | $tr A-IJ-RS-Z a-ij-rs-z 2>/dev/null`" in
        rs) up='A-IJ-RS-Z'
        low='a-ij-rs-z'
        ;;
        esac
    fi
    ;;
    esac
fi
esac
case "`echo RS | $tr \"\$up\" \"\$low\" 2>/dev/null`" in
rs)
    echo "Using $up and $low to convert case." >&4
    ;;
*)
    echo "I don't know how to translate letters from upper to lower case." >&4
    echo "Your tr is not acting any way I know of." >&4
    exit 1
    ;;
esac
: set up the translation script tr, must be called with ./tr of course
cat >tr <<EOESC
$startsh
case "\$1\$2" in
[A-Z][a-z]) exec $tr '$up' '$low';;
[a-z][A-Z]) exec $tr '$low' '$up';;
esac
exec $tr "\$@"
EOESC
chmod +x tr

```

\$eunicefix tr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Tr.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sitearch.U,v 3.1 1999/07/08 18:32:29 doughera Exp doughera \$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: sitearch.U,v \$

?RCS: Revision 3.1 1999/07/08 18:32:29 doughera

?RCS: Updated for perl5.005\_5x

?RCS:

?RCS: Revision 3.0.1.1 1997/02/28 16:21:30 ram

?RCS: patch61: created

?RCS:

?MAKE:sitearch sitearchexp installsitearch d\_sitearch: cat sed Getfile \

Oldconfig Setprefixvar Prefixit test archname sitelib

?MAKE: -pick add \$@ %<

?Y:TOP

?D:sitearch="

?S:sitearch:

?S: This variable contains the eventual value of the SITEARCH symbol,

?S: which is the name of the private library for this package. It may

?S: have a ~ on the front. It is up to the makefile to eventually create

?S: this directory while performing installation (with ~ substitution).

?S: The standard distribution will put nothing in this directory.

?S: After perl has been installed, users may install their own local

?S: architecture-dependent modules in this directory with

?S: MakeMaker Makefile.PL

?S: or equivalent. See INSTALL for details.

?S:.

?D:sitearchexp="

?S:sitearchexp:

?S: This variable is the ~name expanded version of sitearch, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installsitearch="

?S:installsitearch:

?S: This variable is really the same as sitearchexp but may differ on  
?S: those systems using AFS. For extra portability, only this variable  
?S: should be used in makefiles.  
?S:.  
?D:d\_sitearch="  
?S:d\_sitearch:  
?S: This variable conditionally defines SITEARCH to hold the pathname  
?S: of architecture-dependent library files for \$package. If  
?S: \$sitearch is the same as \$archlib, then this is set to undef.  
?S:.  
?C:SITEARCH:  
?C: This symbol contains the name of the private library for this package.  
?C: The library is private in the sense that it needn't be in anyone's  
?C: execution path, but it should be accessible by the world. The program  
?C: should be prepared to do ~ expansion.  
?C: The standard distribution will put nothing in this directory.  
?C: After perl has been installed, users may install their own local  
?C: architecture-dependent modules in this directory with  
?C: MakeMaker Makefile.PL  
?C: or equivalent. See INSTALL for details.  
?C:.  
?C:SITEARCH\_EXP:  
?C: This symbol contains the ~-name expanded version of SITEARCH, to be used  
?C: in programs that are not prepared to deal with ~ expansion at run-time.  
?C:.  
?H:#\$d\_sitearch SITEARCH "\$sitearch" /\*\*/  
?H:#\$d\_sitearch SITEARCH\_EXP "\$sitearchexp" /\*\*/  
?H:.  
?LINT:change prefixvar  
?LINT:set installsitearch  
?LINT:set sitearch  
?LINT:set sitearchexp  
: determine where site specific architecture-dependent libraries go.  
: sitelib default is /usr/local/lib/perl5/site\_perl/\$version  
: sitearch default is /usr/local/lib/perl5/site\_perl/\$version/\$archname  
: sitelib may have an optional trailing /share.  
case "\$sitearch" in  
") dflt=`echo \$sitelib | \$sed 's,/share\$,,'`  
dflt="\$dflt/\$archname"  
;;  
\*) dflt="\$sitearch"  
;;  
esac  
set sitearch sitearch none  
eval \$prefixit  
\$cat <<EOM

The installation process will also create a directory for

architecture-dependent site-specific extensions and modules.

EOM

fn=d~+

rp='Pathname for the site-specific architecture-dependent library files?'

./getfile

prefixvar=sitearch

./setprefixvar

if \$test X"\$sitearch" = X"\$sitelib"; then

  d\_sitearch="\$undef"

else

  d\_sitearch="\$define"

fi

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitearch.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_localtime\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS: Copyright (c) 2006,2007 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_localtime\_r d\_localtime\_r\_needs\_tzset localtime\_r\_proto: Inlibc \

cat run Protochk Hasproto i\_systypes usethreads i\_time i\_systime \

rm\_try Compile extern\_C i\_stdlib i\_unistd i\_malloc

?MAKE: -pick add \$@ %<

?S:d\_localtime\_r:

?S: This variable conditionally defines the HAS\_LOCALTIME\_R symbol,

?S: which indicates to the C program that the localtime\_r()

?S: routine is available.

?S:.

?S:d\_localtime\_r\_needs\_tzset:

?S: This variable conditionally defines the LOCALTIME\_R\_NEEDS\_TZSET

?S: symbol, which makes us call tzset before localtime\_r()

?S:.

?S:localtime\_r\_proto:

?S: This variable encodes the prototype of localtime\_r.

?S: It is zero if d\_localtime\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_localtime\_r

?S: is defined.

?S:.

?C:HAS\_LOCALTIME\_R:

```

?C: This symbol, if defined, indicates that the localtime_r routine
?C: is available to localtime re-entrantly.
?C:.
?C:LOCALTIME_R_NEEDS_TZSET:
?C: Many libc's localtime_r implementations do not call tzset,
?C: making them differ from localtime(), and making timezone
?C: changes using \${ENV}{TZ} without explicitly calling tzset
?C: impossible. This symbol makes us call tzset before localtime_r
?C:.
?H:%<:#$d_localtime_r_needs_tzset LOCALTIME_R_NEEDS_TZSET /**/
?H:%<:#ifdef LOCALTIME_R_NEEDS_TZSET
?H:%<:#define L_R_TZSET tzset(),
?H:%<:#else
?H:%<:#define L_R_TZSET
?H:%<:#endif
?H:.
?C:L_R_TZSET:
?C: If localtime_r() needs tzset, it is defined in this define
?C:.
?C:LOCALTIME_R_PROTO:
?C: This symbol encodes the prototype of localtime_r.
?C: It is zero if d_localtime_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_localtime_r
?C: is defined.
?C:.
?H:#$d_localtime_r HAS_LOCALTIME_R /**/
?H:#define LOCALTIME_R_PROTO $localtime_r_proto /**/
?H:.
?T:try hdrs d_localtime_r_proto
?F:!try
: see if localtime_r exists
set localtime_r d_localtime_r
eval $inlibc
case "$d_localtime_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_time time.h $i_systime sys/time.h"
case "$d_localtime_r_proto:$usetthreads" in
":define") d_localtime_r_proto=define
set d_localtime_r_proto localtime_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_localtime_r_proto" in
define)
case "$localtime_r_proto" in
"|0) try='struct tm* localtime_r(const time_t*, struct tm*);'
./protochk "$extern_C $try" $hdrs && localtime_r_proto=S_TS ;;
esac

```

```

case "$localtime_r_proto" in
"|0) try='int localtime_r(const time_t*, struct tm*);'
./protochk "$extern_C $try" $hdrs && localtime_r_proto=I_TS ;;
esac
case "$localtime_r_proto" in
"|0) d_localtime_r=undef
localtime_r_proto=0
echo "Disabling localtime_r, cannot determine prototype." >&4 ;;
* ) case "$localtime_r_proto" in
REENTRANT_PROTO*) ;;
*) localtime_r_proto="REENTRANT_PROTO_$localtime_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetheads" in
define) echo "localtime_r has no prototype, not using it." >&4 ;;
esac
d_localtime_r=undef
localtime_r_proto=0
;;
esac
;;
*) localtime_r_proto=0
;;
esac

```

: see if localtime\_r calls tzset

```

case "$localtime_r_proto" in
REENTRANT_PROTO*)

```

```

$cat >try.c <<EOCP

```

```

/* Does our libc's localtime_r call tzset ?

```

```

* return 0 if so, 1 otherwise.

```

```

*/

```

```

#$i_systypes I_SYS_TYPES

```

```

#$i_unistd I_UNISTD

```

```

#$i_time I_TIME

```

```

#$i_stdlib I_STDLIB

```

```

#$i_malloc I_MALLOC

```

```

#ifdef I_SYS_TYPES

```

```

# include <sys/types.h>

```

```

#endif

```

```

#ifdef I_UNISTD

```

```

# include <unistd.h>

```

```

#endif

```

```

#ifdef I_TIME

```

```

# include <time.h>

```

```

#endif

```

```

#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <string.h>
#ifdef I_MALLOC
# include <malloc.h>
#endif
int main()
{
    time_t t = time(0L);
    char w_tz[]="TZ" "=GMT+5",
    e_tz[]="TZ" "=GMT-5",
    *tz_e = (char*)malloc(16),
    *tz_w = (char*)malloc(16);
    struct tm tm_e, tm_w;
    memset(&tm_e,'\0',sizeof(struct tm));
    memset(&tm_w,'\0',sizeof(struct tm));
    strcpy(tz_e,e_tz);
    strcpy(tz_w,w_tz);

    putenv(tz_e);
    localtime_r(&t, &tm_e);

    putenv(tz_w);
    localtime_r(&t, &tm_w);

    if( memcmp(&tm_e, &tm_w, sizeof(struct tm)) == 0 )
return 1;
    return 0;
}
EOCP
set try
if eval $compile; then
    if $run ./try; then
d_localtime_r_needs_tzset=undef;
    else
d_localtime_r_needs_tzset=define;
    fi;
else
    d_localtime_r_needs_tzset=undef;
fi;
;;
*)
    d_localtime_r_needs_tzset=undef;
;;
esac
$rm_try

```



Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_localtime\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d\_clearenv: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_clearenv:

?S: This variable conditionally defines the HAS\_CLEARENV symbol, which

?S: indicates to the C program that the clearenv () routine is available.

?S:.

?C:HAS\_CLEARENV:

?C: This symbol, if defined, indicates that the clearenv () routine is

?C: available for use.

?C:.

?H:#\$d\_clearenv HAS\_CLEARENV /\*\*/

?H:.

?LINT:set d\_clearenv

: see if clearenv exists

set clearenv d\_clearenv

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_clearenv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getnetprotos.U,v \$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_getnetprotos : Hasproto i\_netdb

?MAKE: -pick add \$@ %<

?S:d\_getnetprotos:

?S: This variable conditionally defines the HAS\_GETNET\_PROTOS symbol,

?S: which indicates to the C program that <netdb.h> supplies  
 ?S: prototypes for the various getnet\*() functions.  
 ?S: See also netdbtype.U for probing for various netdb types.  
 ?S:.  
 ?C:HAS\_GETNET\_PROTOS:  
 ?C: This symbol, if defined, indicates that <netdb.h> includes  
 ?C: prototypes for getnetent(), getnetbyname(), and  
 ?C: getnetbyaddr(). Otherwise, it is up to the program to guess  
 ?C: them. See netdbtype.U for probing for various Netdb\_xxx\_t types.  
 ?C:.  
 ?H:#\$d\_getnetprotos HAS\_GETNET\_PROTOS /\*\*/  
 ?H:.  
 ?LINT:set d\_getnetprotos  
 : see if prototypes for various getnetxxx netdb.h functions are available  
 echo " "  
 set d\_getnetprotos getnetent \$i\_netdb netdb.h  
 eval \$hasproto

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d\_getnetprotos.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fstatfs : Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fstatfs:

?S: This variable conditionally defines the HAS\_FSTATFS symbol, which

?S: indicates to the C program that the fstatfs() routine is available.

?S:.

?C:HAS\_FSTATFS:

?C: This symbol, if defined, indicates that the fstatfs routine is

?C: available to stat filesystems by file descriptors.

?C:.

?H:#\$d\_fstatfs HAS\_FSTATFS /\*\*/  
 ?H:.

?LINT:set d\_fstatfs

: see if fstatfs exists

set fstatfs d\_fstatfs

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fstats.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Warn_v7EXT.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Warn_v7EXT.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:01:42 ram
?RCS: patch36: call ./v7 explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:17 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit issues warnings to V7 sites that they are living dangerously.
?X: This unit needs to get mentioned in End.U to get included.
?X:
?MAKE:Warn_v7EXT: package Guess
?MAKE: -pick add $@ %<
: Warnings
if ./v7; then
cat <<EOM
```

NOTE: the V7 compiler may ignore some #undefs that \$package uses. If so, you may get messages about redefining EXT. Some V7 compilers also have difficulties with #defines near buffer boundaries, so beware. You may have to play with the spacing in some .h files, believe it or not.

EOM

fi

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Warn_v7EXT.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: libpth.U,v \$

?RCS: Revision 3.0.1.6 1997/02/28 16:08:49 ram

?RCS: patch61: new loclibpth variable

?RCS:

?RCS: Revision 3.0.1.5 1995/01/11 15:31:30 ram

?RCS: patch45: call ./mips instead of just mips (WED)

?RCS:

?RCS: Revision 3.0.1.4 1994/08/29 16:29:15 ram

?RCS: patch32: added /lib/pa1.1 for HP-UX specially tuned PA-RISC libs (ADO)

?RCS: patch32: fixed information message, making it clearer (ADO)

?RCS:

?RCS: Revision 3.0.1.3 1994/06/20 07:03:54 ram

?RCS: patch30: added /usr/shlib to glibpth for shared-only libraries

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:26:57 ram

?RCS: patch27: fixed a typo (libpth -> glibpth)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:07:53 ram

?RCS: patch23: now asks for library directories to be searched (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:02 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit initializes the path for C library lookup.

?X:

?MAKE:libpth glibpth xlibpth plibpth loclibpth: \  
usrinc incpath test cat Myread Oldconfig

?MAKE: -pick add \$@ %<

?S:libpth:

?S: This variable holds the general path (space-separated) used to find

?S: libraries. It is intended to be used by other units.

?S:.

?S:glibpth:

?S: This variable holds the general path (space-separated) used to

?S: find libraries. It may contain directories that do not exist on

?S: this platform, libpth is the cleaned-up version.

?S:.

?S:xlibpth:

?S: This variable holds extra path (space-separated) used to find

?S: libraries on this platform, for example CPU-specific libraries

?S: (on multi-CPU platforms) may be listed here.

?S:.

?S:loclibpth:  
?S: This variable holds the paths (space-separated) used to find local  
?S: libraries. It is prepended to libpth, and is intended to be easily  
?S: set from the command line.  
?S:.  
?S:plibpth:  
?S: Holds the private path used by Configure to find out the libraries.  
?S: Its value is prepend to libpth. This variable takes care of special  
?S: machines, like the mips. Usually, it should be empty.  
?S:.  
?T: xxx dlist  
?LINT:use usrlib  
?INIT:: change the next line if compiling for Xenix/286 on Xenix/386  
?INIT:xlibpth='/usr/lib/386 /lib/386'  
?INIT:: Possible local library directories to search.  
?INIT:loclibpth="/usr/local/lib /opt/local/lib /usr/gnu/lib"  
?INIT:loclibpth="\$loclibpth /opt/gnu/lib /usr/GNU/lib /opt/GNU/lib"  
?INIT:  
?INIT:: general looking path for locating libraries  
?INIT:glibpth="/lib /usr/lib \$xlibpth"  
?INIT:glibpth="\$glibpth /usr/ccs/lib /usr/ucblib /usr/local/lib"  
?X: /shlib is for Digital Unix 4.0  
?X: /usr/shlib is for OSF/1 systems.  
?INIT:test -f /usr/shlib/libc.so && glibpth="/usr/shlib \$glibpth"  
?INIT:test -f /shlib/libc.so && glibpth="/shlib \$glibpth"  
?INIT:  
?INIT:: Private path used by Configure to find libraries. Its value  
?INIT:: is prepended to libpth. This variable takes care of special  
?INIT:: machines, like the mips. Usually, it should be empty.  
?INIT:plibpth="  
?INIT:  
: Set private lib path  
case "\$plibpth" in  
") if ./mips; then  
?X: on mips, we DO NOT want /lib, and we want \$incpath/usr/lib  
plibpth="\$incpath/usr/lib /usr/local/lib /usr/ccs/lib"  
fi;;  
esac  
case "\$libpth" in  
' ') dlist="";;  
") dlist="\$loclibpth \$plibpth \$glibpth";;  
\*) dlist="\$libpth";;  
esac  
  
: Now check and see which directories actually exist, avoiding duplicates  
libpth="  
for xxx in \$dlist  
do

```

if $test -d $xxx; then
case "$libpth" in
*" $xxx "*) ;;
*) libpth="$libpth $xxx";;
esac
fi
done
$cat <<'EOM'

```

Some systems have incompatible or broken versions of libraries. Among the directories listed in the question below, please remove any you know not to be holding relevant libraries, and add any that are needed. Say "none" for none.

```

EOM
case "$libpth" in
") dflt='none';;
*)
?X: strip leading space
set X $libpth
shift
dflt=${1+"$@"}
;;
esac
rp="Directories to use for library searches?"
./myread
case "$ans" in
none) libpth=' ';;
*) libpth="$ans";;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libpth.U

```

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```

?RCS: $Id: d_mbtowc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_mbtowc.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:30 ram

```

?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_mbtowc: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_mbtowc:  
?S: This variable conditionally defines the HAS\_MBTOWC symbol, which  
?S: indicates to the C program that the mbtowc() routine is available  
?S: to convert multibyte to a wide character.  
?S:.  
?C:HAS\_MBTOWC (MBTOWC):  
?C: This symbol, if defined, indicates that the mbtowc routine is available  
?C: to convert a multibyte to a wide character.  
?C:.  
?H:#\$d\_mbtowc HAS\_MBTOWC /\*\*/  
?H:.  
?LINT:set d\_mbtowc  
: see if mbtowc exists  
set mbtowc d\_mbtowc  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_mbtowc.U

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Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_setlocale.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Magic\_h.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_pidcheck.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_brokstat.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_dbl\_dig.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_nolnbuf.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_bsdjmp.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_dbl\_dig.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mkdep.U

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_charsprf.U

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_PORTAR.U
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nlist_pfx.U
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ckeypad.U
```

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?RCS:

?MAKE:d\_nearbyint: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_nearbyint:

?S: This variable conditionally defines HAS\_NEARBYINT if nearbyint()

?S: is available to return the integral value closest to (according to

?S: the current rounding mode) to x.

?S:.

?C:HAS\_NEARBYINT:

?C: This symbol, if defined, indicates that the nearbyint routine is

?C: available to return the integral value closest to (according to

?C: the current rounding mode) to x.

?C:.

?H:#\$d\_nearbyint HAS\_NEARBYINT /\*\*/

?H:.

?LINT:set d\_nearbyint

: see if nearbyint exists

set nearbyint d\_nearbyint

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nearbyint.U
```

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#

# Beyond this point lie functions we may never compile.

#

#

# DO NOT CHANGE A IOTA BEYOND THIS COMMENT!

# The following table lists offsets of functions within the data section.

# Should modifications be needed, change original code and rerun perload

# with the -o option to regenerate a proper offset table.

#

locate'dump\_list 2938



```

locate'private_units    3071
locate'public_units    3858
locate'units_path      5351
main'build_extfun     16719
main'build_filext    16368
main'build_xref      25627
main'complete_line   22216
main'dump_obsolete   23859
main'end_extraction   7714
main'extract_dependencies 19358
main'extract_filenames 15511
main'gensym          29705
main'init            1308
main'init_depend     18208
main'init_except     1534
main'init_extraction 6862
main'locate_units   2321
main'manifake        29793
main'ofound          29321
main'p_c             10283
main'p_config        11589
main'p_magic         13345
main'p_make          8066
main'p_obsolete      9676
main'p_shell         9830
main'p_wanted        14245
main'profile         30974
main'q               17825
main'record_obsolete 22806
main'tilda_expand    30619
main'usage           1832

#
# End of offset table and beginning of dataloading section.
#

# General initializations
sub main'load_init {
package main;
&init_except; # Token which have upper-cased letters
&init_depend; # The %Depend array records control line handling
}

# Record the exceptions -- all symbols but these are lower case
sub main'load_init_except {
package main;
$Except{'Author'}++;
$Except{'Date'}++;

```

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$Except{'Header'}++;
$Except{'Id'}++;
$Except{'Locker'}++;
$Except{'Log'}++;
$Except{'RCSfile'}++;
$Except{'Revision'}++;
$Except{'Source'}++;
$Except{'State'}++;
}

# Print out metaxref's usage and exits
sub main'load_usage {
    package main;
    print STDERR <<EOM;
    Usage: metaxref [-dhkmsV] [-f manifest] [-L dir]
    -d : debug mode.
    -f : use that file as manifest instead of MANIFEST.new.
    -h : print this help message and exits.
    -k : keep temporary directory.
    -m : assume lots of memory and swap space.
    -s : silent mode.
    -L : specify main units repository.
    -V : print version number and exits.
    EOM
    exit 1;
}

# Locate the units and push their path in @ARGV (sorted alphabetically)
sub main'load_locate_units {
    package locate;
    print "Locating units...\n" unless $main'opt_s;
    local(*WD) = *main'WD; # Current working directory
    local(*MC) = *main'MC; # Public metaconfig library
    undef %myUlist; # Records private units paths
    undef %myUseen; # Records private/public conflicts
    &private_units; # Locate private units in @myUlist
    &public_units; # Locate public units in @ARGV
    @ARGV = sort @ARGV; # Sort it alphabetically
    push(@ARGV, sort @myUlist); # Append user's units sorted
    &dump_list if $main'opt_v; # Dump the list of units
}

# Dump the list of units on stdout
sub locate'load_dump_list {
    package locate;
    print "\t";
    $, = "\n\t";
    print @ARGV;
}

```

```

$, = "";
print "\n";
}

# Scan private units
sub locate'load_private_units {
    package locate;
    return unless -d 'U'; # Nothing to be done if no 'U' entry
    local(*ARGV) = *myUlist; # Really fill in @myUlist
    local($MC) = $WD; # We are really in the working directory
    &units_path("U"); # Locate units in the U directory
    local($unit_name); # Unit's name (without .U)
    local(@kept); # Array of kept units
    # Loop over the units and remove duplicates (the first one seen is the one
    # we keep). Also set the %myUseen H table to record private units seen.
    foreach (@ARGV) {
        ($unit_name) = m|^.*\/(.*)\.U$|; # Get unit's name from path
        next if $myUseen{$unit_name}; # Already recorded
        $myUseen{$unit_name} = 1; # Record private unit
        push(@kept, $_); # Keep this unit
    }
    @ARGV = @kept;
}

# Scan public units
sub locate'load_public_units {
    package locate;
    chdir($MC) || die "Can't find directory $MC.\n";
    &units_path("U"); # Locate units in public U directory
    chdir($WD) || die "Can't go back to directory $WD.\n";
    local($path); # Relative path from $WD
    local($unit_name); # Unit's name (without .U)
    local(*Unit) = *main'Unit; # Unit is a global from main package
    local(@kept); # Units kept
    local(%warned); # Units which have already issued a message
    # Loop over all the units and keep only the ones that were not found in
    # the user's U directory. As it is possible two or more units with the same
    # name be found in
    foreach (@ARGV) {
        ($unit_name) = m|^.*\/(.*)\.U$|; # Get unit's name from path
        next if $warned{$unit_name}; # We have already seen this unit
        $warned{$unit_name} = 1; # Remember we have warned the user
        if ($myUseen{$unit_name}) { # User already has a private unit
            $path = $Unit{$unit_name}; # Extract user's unit path
            next if $path eq $_; # Same path, we must be in mcon/
            $path =~ s|^$WD/||o; # Weed out leading working dir path
            print " Your private $path overrides the public one.\n"
            unless $main'opt_s;
        }
    }
}

```

```

} else {
  push(@kept, $_); # We may keep this one
}
}
@ARGV = @kept;
}

# Recursively locate units in the directory. Each file ending with .U has to be
# a unit. Others are stat()'ed, and if they are a directory, they are also
# scanned through. The $MC and @ARGV variable are dynamically set by the caller.
sub locate'load_units_path {
  package locate;
  local($dir) = @_; # Directory where units are to be found
  local(@contents); # Contents of the directory
  local($unit_name); # Unit's name, without final .U
  local($path); # Full path of a unit
  local(*Unit) = *main'Unit; # Unit is a global from main package
  unless (opendir(DIR, $dir)) {
    warn("Cannot open directory $dir.\n");
    return;
  }
  print "Locating in $MC/$dir...\n" if $main'opt_v;
  @contents = readdir DIR; # Slurp the whole thing
  closedir DIR; # And close dir, ready for recursion
  foreach (@contents) {
    next if $_ eq '.' || $_ eq '..';
    if (/^\.U$/) { # A unit, definitely
      ($unit_name) = /^(.*)\.U$/;
      $path = "$MC/$dir/$_"; # Full path of unit
      push(@ARGV, $path); # Record its path
      if (defined $Unit{$unit_name}) { # Already seen this unit
        if ($main'opt_v) {
          ($path) = $Unit{$unit_name} =~ m|^(.*)/.*|;
          print " We've already seen $unit_name.U in $path.\n";
        }
      } else {
        $Unit{$unit_name} = $path; # Map name to path
      }
    }
    next;
  }
  # We have found a file which does not look like a unit. If it is a
  # directory, then scan it. Otherwise skip the file.
  unless (-d "$dir/$_") {
    print " Skipping file $_ in $dir.\n" if $main'opt_v;
    next;
  }
  &units_path("$dir/$_");
  print "Back to $MC/$dir...\n" if $main'opt_v;
}

```

```

}
}

# Initialize the extraction process by setting some variables.
# We return a string to be eval to do more customized initializations.
sub main'load_init_extraction {
    package main;
    open(INIT, ">$WD/.MT/Init.U") ||
        die "Can't create .MT/Init.U\n";
    open(CONF_H, ">$WD/.MT/Config_h.U") ||
        die "Can't create .MT/Config_h.U\n";
    open(EXTERN, ">$WD/.MT/Extern.U") ||
        die "Can't create .MT/Extern.U\n";
    open(MAGIC_H, ">$WD/.MT/Magic_h.U") ||
        die "Can't create .MT/Magic_h.U\n";

    $c_symbol = ""; # Current symbol seen in ?C: lines
    $s_symbol = ""; # Current symbol seen in ?S: lines
    $m_symbol = ""; # Current symbol seen in ?M: lines
    $heredoc = ""; # Last "here" document symbol seen
    $heredoc_nosubst = 0; # True for <<'EOM' here docs
    $condlist = ""; # List of conditional symbols
    $defined = ""; # List of defined symbols in the unit
    $body = ""; # No procedure to handle body
    $ending = ""; # No procedure to clean-up
}

# End the extraction process
sub main'load_end_extraction {
    package main;
    close EXTERN; # External dependencies (libraries, includes...)
    close CONF_H; # C symbol definition template
    close INIT; # Required initializations
    close MAGIC; # Magic C symbol redefinition templates

    print $dependencies if $opt_v; # Print extracted dependencies
}

# Process the ?MAKE: line
sub main'load_p_make {
    package main;
    local($_) = @_;
    local(@ary); # Locally defined symbols
    local(@dep); # Dependencies
    if (/^[w+ ]*:/) { # Main dependency rule
        s/^\s*//; # Remove leading spaces
        chop;
        s/:(.*)//;
    }
}

```

```

@dep = split(' ', $1); # Dependencies
@ary = split(' '); # Locally defined symbols
foreach $sym (@ary) {
# Symbols starting with a '+' are meant for internal use only.
next if $sym =~ s/^\+//;
# Only symbols starting with a lowercase letter are to
# appear in config.sh, excepted the ones listed in Except.
if ($sym =~ /^[_a-z]/ || $Except{$sym}) {
$shmaster{"\$sym"} = undef;
push(@Master, "?$unit:$sym=$\n"); # Initializations
}
}
$condlist = ""; # List of conditional symbols
local($sym); # Symbol copy, avoid @dep alteration
foreach $dep (@dep) {
if ($dep =~ /^[A-Za-z]/) {
($sym = $dep) =~ s/^\+//;
$condlist .= "$sym ";
push(@Cond, $sym) unless $condseen{$sym};
$condseen{$sym}++; # Conditionally wanted
}
}
# Append to already existing dependencies. The 'defined' variable
# is set for &write_out, used to implement ?L: and ?I: canvas. It is
# reset each time a new unit is parsed.
# NB: leading '+' for defined symbols (internal use only) have been
# removed at this point, but conditional dependencies still bear it.
$defined = join(' ', @ary); # Symbols defined by this unit
$dependencies .= $defined . ':' . join(' ', @dep) . "\n";
$dependencies .= " -cond $condlist\n" if $condlist;
} else {
$dependencies .= $_; # Building rules
}
}

```

```

# Process the ?O: line
sub main'load_p_obsolete {
package main;
local($_) = @_;
$Obsolete{"$unit.U"} .= $_; # Message(s) to print if unit is used
}

```

```

# Process the ?S: lines
sub main'load_p_shell {
package main;
local($_) = @_;
unless ($s_symbol) {
if (/^(w+).*/) {

```

```

$s_symbol = $1;
print " ?S: $s_symbol\n" if $opt_d;
} else {
warn "\"$file\"", line $.: syntax error in ?S: construct.\n";
$s_symbol = $unit;
return;
}
# Deal with obsolete symbol list (enclosed between parenthesis)
&record_obsolete("\$$_") if ^(/;
}
m|^\.\s*$| && ($s_symbol = ""); # End of comment
}

# Process the ?C: lines
sub main'load_p_c {
package main;
local($_) = @_;
unless ($c_symbol) {
if (s/^(w+)\s*~\s*(\S+)\s*(.*)/$1 $3:/) {
# The ~ operator aliases the main C symbol to another symbol which
# is to be used instead for definition in config.h. That is to say,
# the line '?C:SYM ~ other:' would look for symbol 'other' instead,
# and the documentation for symbol SYM would only be included in
# config.h if 'other' were actually wanted.
$c_symbol = $2; # Alias for definition in config.h
print " ?C: $1 ~ $c_symbol\n" if $opt_d;
} elsif (/^(w+)\s*:/) {
# Default behaviour. Include in config.h if symbol is needed.
$c_symbol = $1;
print " ?C: $c_symbol\n" if $opt_d;
} else {
warn "\"$file\"", line $.: syntax error in ?C: construct.\n";
$c_symbol = $unit;
return;
}
# Deal with obsolete symbol list (enclosed between parenthesis) and
# make sure that list do not appear in config.h.SH by removing it.
&record_obsolete("$$_") if ^(/;
s/\s*(.*)//; # Get rid of obsolete symbol list
}
s/^(w+)\s*|?$c_symbol:/* $1| | # Start of comment
(s/^\.\s*|?$c_symbol: *\n| && ($c_symbol = ", 1)| # End of comment
s/^(.*)|?$c_symbol: *$1|; # Middle of comment
&p_config("$$_"); # Add comments to config.h.SH
}

# Process the ?H: lines
sub main'load_p_config {

```

```

package main;
local($_) = @_;
local($constraint); # Constraint to be used for inclusion
++$old_version if s/^\?%1:/:; # Old version
if (s/^\?(\w+):/) { # Remove leading '?var:'
    $constraint = $1; # Constraint is leading '?var'
} else {
    $constraint = ""; # No constraint
}
if (/^#.*\$/) { # Look only for cpp lines
    if (m/^\$(\w+)\s+(\w+).*\$(\w+)/) {
        # Case: #d_var VAR "$var"
        $constraint = $2 unless $constraint;
        print " ?H: ($constraint) #$$1 $2 \"\$3\"\\n" if $opt_d;
        $cmaster{$2} = undef;
        $cwanted{$2} = "$1\\n$3";
    } elsif (m/^\#define\s+(\w+)\s+(\w+)\s+(\w+)/) {
        # Case: #define VAR(x) $var
        $constraint = $1 unless $constraint;
        print " ?H: ($constraint) #define $1($2) \"\$3\"\\n" if $opt_d;
        $cmaster{$1} = undef;
        $cwanted{$1} = $3;
    } elsif (m/^\#\define\s+(\w+)\s+(\w+)/) {
        # Case: #define VAR
        $constraint = $1 unless $constraint;
        print " ?H: ($constraint) #define $1\\n" if $opt_d;
        $cmaster{$1} = undef;
        $cwanted{$1} = "define\\n$unit";
    } elsif (m/^\$(\w+)\s+(\w+)\s+(\w+)/) {
        # Case: #d_var VAR
        $constraint = $2 unless $constraint;
        print " ?H: ($constraint) #$$1 $2\\n" if $opt_d;
        $cmaster{$2} = undef;
        $cwanted{$2} = $1;
    } elsif (m/^\#define\s+(\w+).*\$(\w+)/) {
        # Case: #define VAR "$var"
        $constraint = $1 unless $constraint;
        print " ?H: ($constraint) #define $1 \"\$2\"\\n" if $opt_d;
        $cmaster{$1} = undef;
        $cwanted{$1} = $2;
    } else {
        $constraint = $unit unless $constraint;
        print " ?H: ($constraint) $_" if $opt_d;
    }
} else {
    print " ?H: ($constraint) $_" if $opt_d;
}
}
# If not a single ?H:. line, add the leading constraint

```



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s/^\./ // || s/^\/?$constraint:/;
print CONF_H;
}

# Process the ?M: lines
sub main'load_p_magic {
  package main;
  local($_) = @_;
  unless ($m_symbol) {
    if (/^\(w+\):s*([\w\s]*)\n$/) {
      # A '?M:sym:' line implies a '?W:%<:sym' since we'll need to know
      # about the wantedness of sym later on when building confmagic.h.
      # Buf is sym is wanted, then the C symbol dependencies have to
      # be triggered. That is done by introducing sym in the mwanted
      # array, known by the Wanted file construction process...
      $m_symbol = $1;
      print " ?M: $m_symbol\n" if $opt_d;
      $mwanted{$m_symbol} = $2; # Record C dependencies
      &p_wanted("$unit:$m_symbol"); # Build fake ?W: line
    } else {
      warn "\"$file\", line $.: syntax error in ?M: construct.\n";
    }
  }
  return;
}
(s/^\.s*$/?$m_symbol:\n/ && ($m_symbol = ", 1)) || # End of block
s/^\/?$m_symbol:/;
print MAGIC_H; # Definition goes to confmagic.h
print " ?M: $_" if $opt_d;
}

# Process the ?W: lines
sub main'load_p_wanted {
  package main;
  # Syntax is ?W:<shell symbols><C symbols>
  local($active) = $_[0] =~ /^([:]*):/; # Symbols to activate
  local($look_symbols) = $_[0] =~ /:(.*)/; # When those are used
  local(@syms) = split(/ /, $look_symbols); # Keep original spacing info
  $active =~ s/\s+/\n/g; # One symbol per line

  # Concatenate quoted strings, so saying something like 'two words' will
  # be introduced as one single symbol "two words".
  local(@symbols); # Concatenated symbols to look for
  local($concat) = ""; # Concatenation buffer
  foreach (@syms) {
    if (s/^\//) {
      $concat = $_;
    } elsif (s/\'//) {
      push(@symbols, $concat . ' ' . $_);
    }
  }
}

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$concat = ";
} else {
push(@symbols, $_) unless $concat;
$concat .= ' ' . $_ if $concat;
}
}

local($fake); # Fake unique shell symbol to reparent C symbol

# Now record symbols in master and wanted tables
foreach (@symbols) {
$cmaster{$_} = undef; # Asks for look-up in C files
# Make a fake C symbol and associate that with the wanted symbol
# so that later we know where it comes from
$fake = &gensym;
$swanted{$_} = "$fake"; # Attached to this symbol
push(@Master, "?$unit:$fake="); # Fake initialization
}
}

# Extract filenames from manifest
sub main'load_extract_filenames {
package main;
&build_filext; # Construct &is_cfile and &is_shfile
print "Extracting filenames (C and SH files) from $NEWMANI...\n"
unless $opt_s;
open(NEWMANI,$NEWMANI) || die "Can't open $NEWMANI.\n";
local($file);
while (<NEWMANI>) {
($file) = split(' ');
next if $file eq 'config_h.SH'; # skip config_h.SH
next if $file eq 'Configure'; # also skip Configure
next if $file eq 'confmagic.h' && $opt_M;
push(@SHlist, $file) if &is_shfile($file);
push(@clist, $file) if &is_cfile($file);
}
}

# Construct two file identifiers based on the file suffix: one for C files,
# and one for SH files (using the $cext and $shext variables) defined in
# the .package file.
# The &is_cfile and &is_shfile routine may then be called to know whether
# a given file is a candidate for holding C or SH symbols.
sub main'load_build_filext {
package main;
&build_extfun('is_cfile', $cext, '.c.h.y.l');
&build_extfun('is_shfile', $shext, '.SH');
}

```

```

# Build routine $name to identify extensions listed in $exts, ensuring
# that $minimum is at least matched (both to be backward compatible with
# older .package and because it is really the minimum required).
sub main'load_build_extfun {
    package main;
    local($name, $exts, $minimum) = @_ ;
    local(@single); # Single letter dot extensions (may be grouped)
    local(@others); # Other extensions
    local(%seen); # Avoid duplicate extensions
    foreach $ext (split(' ', "$exts $minimum")) {
        next if $seen{$ext}++;
        if ($ext =~ s/^\.(\\w)$/$1/) {
            push(@single, $ext);
        } else {
            # Convert into perl's regexp
            $ext =~ s/\.\./g; # Escape .
            $ext =~ s/?/./g; # ? turns into .
            $ext =~ s/*/*./g; # * turns into .*
            push(@others, $ext);
        }
    }
    local($fn) = &q(<<EOF); # Function being built
    :sub $name {
    : local(\$_) = \@_ ;
    EOF
    local($single); # Single regexp: .c.h grouped into .[ch]
    $single = \.[' . join(" , @single) . ']' if @single;
    $fn .= &q(<<EOL) if @single;
    : return 1 if /$single$/;
    EOL
    foreach $ext (@others) {
        $fn .= &q(<<EOL);
    : return 1 if /$ext$/;
    EOL
    }
    $fn .= &q(<<EOF);
    : 0; # None of the extensions may be applied to file name
    :}
    EOF
    print $fn if $opt_d;
    eval $fn;
    chop($@) && die "Can't compile '$name':\n$fn\n$@\n";
    }

# Remove ':' quotations in front of the lines
sub main'load_q {
    package main;

```

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local($_) = @_;
local($*) = 1;
s/^\://g;
$_;
}

# The %Depend array records the functions we use to process the configuration
# lines in the unit, with a special meaning. It is important that all the
# known control symbols be listed below, so that metalint does not complain.
# The %Lcmp array contains valid layouts and their comparison value.
sub main'load_init_depend {
    package main;
    %Depend = (
        'MAKE', 'p_make', # The ?MAKE: line records dependencies
        'INIT', 'p_init', # Initializations printed verbatim
        'LINT', 'p_lint', # Hints for metalint
        'RCS', 'p_ignore', # RCS comments are ignored
        'C', 'p_c', # C symbols
        'D', 'p_default', # Default value for conditional symbols
        'E', 'p_example', # Example of usage
        'F', 'p_file', # Produced files
        'H', 'p_config', # Process the config.h lines
        'I', 'p_include', # Added includes
        'L', 'p_library', # Added libraries
        'M', 'p_magic', # Process the confmagic.h lines
        'O', 'p_obsolete', # Unit obsolescence
        'P', 'p_public', # Location of PD implementation file
        'S', 'p_shell', # Shell variables
        'T', 'p_temp', # Shell temporaries used
        'V', 'p_visible', # Visible symbols like 'rp', 'dflt'
        'W', 'p_wanted', # Wanted value for interpreter
        'X', 'p_ignore', # User comment is ignored
        'Y', 'p_layout', # User-defined layout preference
    );
    %Lcmp = (
        'top', -1,
        'default', 0,
        'bottom', 1,
    );
}

# Extract dependencies from units held in @ARGV
sub main'load_extract_dependencies {
    package main;
    local($proc); # Procedure used to handle a ctrl line
    local($file); # Current file scanned
    local($dir, $unit); # Directory and unit's name
    local($old_version) = 0; # True when old-version unit detected

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local($mc) = "$MC/U"; # Public metaconfig directory
local($line); # Last processed line for metalint

printf "Extracting dependency lists from %d units...\n", $#ARGV+1
unless $opt_s;

chdir $WD; # Back to working directory
&init_extraction; # Initialize extraction files
$dependencies = ' ' x (50 * @ARGV); # Pre-extend
$dependencies = "";

# We do not want to use the <> construct here, because we need the
# name of the opened files (to get the unit's name) and we want to
# reset the line number for each files, and do some pre-processing.

file: while ($file = shift(@ARGV)) {
close FILE; # Reset line number
$old_version = 0; # True if unit is an old version
if (open(FILE, $file)) {
($dir, $unit) = ("", $file)
unless ($dir, $unit) = ($file =~ m|(.*)/(.*)|);
$unit =~ s|\.U$||; # Remove extension
} else {
warn("Can't open $file.\n");
}
# If unit is in the standard public directory, keep only the unit name
$file = "$unit.U" if $dir eq $mc;
print "$dir/$unit.U:\n" if $opt_d;
line: while (<FILE>) {
$line = $_; # Save last processed unit line
if (s/^\?([\w\-\+]:)/) { # We may have found a control line
$proc = $Depend{$1}; # Look for a procedure to handle it
unless ($proc) { # Unknown control line
$proc = $1; # p_unknown expects symbol in '$proc'
eval '&p_unknown'; # Signal error (metalint only)
next line; # And go on next line
}
# Long lines may be escaped with a final backslash
$_ = &complete_line(FILE) if s/\\s*$//;
# Run macros substitutions
s/%</$unit/g; # %< expands into the unit's name
if (s/%\*/$unit/) {
# %* expanded into the entire set of defined symbols
# in the old version. Now it is only the unit's name.
++$old_version;
}
eval { &$proc($_) }; # Process the line
} else {

```

```

next file unless $body; # No procedure to handle body
do {
    $line = $_; # Save last processed unit line
    eval { &$body($_) }; # From now on, it's the unit body
} while (defined ($_ = <FILE>));
next file;
}
}
} continue {
warn(" Warning: $file is a pre-3.0 version.\n") if $old_version;
&Sending($line) if $Sending; # Post-processing for metalint
}

&end_extraction; # End the extraction process
}

# The first line was escaped with a final \ character. Every following line
# is to be appended to it (until we found a real \n not escaped). Note that
# the leading spaces of the continuation line are removed, so any space should
# be added before the former \ if needed.
sub main'load_complete_line {
    package main;
    local($file) = @_; # File where lines come from
    local($_);
    local($read) = ""; # Concatenation of all the continuation lines found
    while (<$file>) {
        s/^\s+//; # Remove leading spaces
        if (s/\\s*$//) { # Still followed by a continuation line
            $read .= $_;
        } else { # We've reached the end of the continuation
            return $read . $_;
        }
    }
}

# Record obsolete symbols association (new versus old), that is to say for a
# given old symbol, $Obsolete{'old'} = new symbol to be used. A '$' is prepended
# for all shell variables
sub main'load_record_obsolete {
    package main;
    local($_) = @_;
    local(@obsoleted); # List of obsolete symbols
    local($symbol); # New symbol which must be used
    local($dollar) = s/^\$// ? '$:.'; # The '$' or a null string
    # Syntax for obsolete symbols specification is
    # list of symbols (obsolete ones):
    if (/^\(w+\)s*\(((.*)\)s*:$/) {
        $symbol = "$dollar$1";
    }
}

```

```
@obsolete = split(' ', $2); # List of obsolete symbols
} else {
if (/^(w+)\s*((.?):$)/ {
warn "\"$file\"", line $.: final ')' before ':' missing.\n";
$symbol = "$dollar$1";
@obsolete = split(' ', $2);
} else {
warn "\"$file\"", line $.: syntax error.\n";
return;
}
}
foreach $val (@obsolete) {
$_ = $dollar . $val;
if (defined $Obsolete{$_}) {
warn "\"$file\"", line $.: '$_' already obsolete by '$Obsolete{$_}';\n";
} else {
$Obsolete{$_} = $symbol; # Record (old, new) tuple
}
}
}

# Dump obsolete symbols used in file 'Obsolete'. Also write Obsol_h.U and
# Obsol_sh.U to record old versus new mappings if the -o option was used.
sub main'load_dump_obsolete {
package main;
unless (-f 'Obsolete') {
open(OBSOLETE, ">Obsolete") || die "Can't create Obsolete.\n";
}
open(OBSOL_H, ">.MT/Obsol_h.U") || die "Can't create .MT/Obsol_h.U.\n";
open(OBSOL_SH, ">.MT/Obsol_sh.U") || die "Can't create .MT/Obsol_sh.U.\n";
local($file); # File where obsolete symbol was found
local($old); # Name of this old symbol
local($new); # Value of the new symbol to be used
# Leave a blank line at the top so that any added ^L will stand on a line
# by itself (the formatting process adds a ^L when a new page is needed).
format OBSOLETE_TOP =

    File           |   Old symbol   |   New symbol
-----+-----+-----
.
format OBSOLETE =
@<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< | @<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< | @<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
$file,           $old,           $new
.

local(%seen);
foreach $key (sort keys %ofound) {
($file, $old, $new) = ($key =~ /^(S+)\s+(S+)\s+(S+)/);
write(OBSOLETE) unless $file eq 'XXX';
```

```

next unless $opt_o; # Obsolete mapping done only with -o
next if $seen{$old}++; # Already remapped, thank you
if ($new =~ s/^\$//) { # We found an obsolete shell symbol
    $old =~ s/^\$/;
    print OBSOL_SH "$old=\\\"$new\\\"";
} else { # We found an obsolete C symbol
    print OBSOL_H "#ifdef $new";
    print OBSOL_H "#define $old $new";
    print OBSOL_H "#endif";
}
}
close OBSOLETE;
close OBSOL_H;
close OBSOL_SH;
if (-s 'Obsolete') {
    print "*** Obsolete symbols found -- see file 'Obsolete' for a list.";
} else {
    unlink 'Obsolete';
}
undef %ofound; # Not needed any more
}

# Parse files and build cross references
sub main'load_build_xref {
    package main;
    print "Building cross-reference files...\n" unless $opt_s;
    unless (-f $NEWMANI) {
        &manifake;
        die "No $NEWMANI--don't know who to scan.\n" unless -f $NEWMANI;
    }

    open(FUI, "|sort | uniq >I.fui") || die "Can't create I.fui.\n";
    open(UIF, "|sort | uniq >I.uif") || die "Can't create I.uif.\n";

    local($search); # Where to-be-eval'd script is held
    local($_) = ' ' x 50000 if $opt_m; # Pre-extend pattern search space
    local(%visited); # Records visited files
    local(%lastfound); # Where last occurrence of key was

    # Map shell symbol names to units by reverse engineering the @Master array
    # which records all the known shell symbols and the units where they
    # are defined.
    foreach $init (@Master) {
        $init =~ /^\?(.*):(.*)=/' && ($shwanted{"\"$2"} = $1);
    }

    # Now we are a little clever, and build a loop to eval so that we don't
    # have to recompile our patterns on every file. We also use "study" since

```



# we are searching the same string for many different things. Hauls!

```
if (@clist) {
  print " Scanning .[chyl] files for symbols...\n" unless $opt_s;
  $search = ' ' x (40 * (@cmaster + @ocmaster)); # Pre-extend
  $search = "while (<>) {study;\n"; # Init loop over ARGV
  foreach $key (keys(cmaster)) {
    $search .= "\$cmaster{'$key'} .= \"\$ARGV#\" if /\b$key\b/;\n";
  }
  foreach $key (grep(!/^$/, keys %Obsolete)) {
    $search .= "&ofound('$key') if /\b$key\b/;\n";
  }
  $search .= "}\n"; # terminate loop
  print $search if $opt_d;
  @ARGV = @clist;
  # Swallow each file as a whole, if memory is available
  undef $/ if $opt_m;
  eval $search;
  eval ";";
  $/ = "\n";
  while (($key,$value) = each(cmaster)) {
    next if $value eq "";
    foreach $file (sort(split(/#/ , $value))) {
      next if $file eq "";
      # %cwanted may contain value separated by \n -- take last one
      @sym = split(/\n/, $cwanted{$key});
      $sym = pop(@sym);
      $shell = "\$sym";
      print FUI
        pack("A35", $file),
        pack("A20", "$shwanted{$shell}.U"),
        $key, "\n";
      print UIF
        pack("A20", "$shwanted{$shell}.U"),
        pack("A25", $key),
        $file, "\n";
    }
  }
}

undef @clist;
undef %cwanted;
undef %cmaster; # We're not building Configure, we may delete this
%visited = ();
%lastfound = ();

if (@SHlist) {
  print " Scanning .SH files for symbols...\n" unless $opt_s;
```

```

$search = ' ' x (40 * (@shmaster + @oshmaster)); # Pre-extend
$search = "while (<>) {study;\n";
# All the keys already have a leading '$'
foreach $key (keys(shmaster)) {
    $search .= "\$shmaster{'$key'} .= \"\$ARGV#\" if /\$key\b/;\n";
}
foreach $key (grep (/^\$/, keys %Obsolete)) {
    $search .= "&ofound('$key') if /\$key\b/;\n";
}
$search .= "}\n";
print $search if $opt_d;
@ARGV = @SHlist;
# Swallow each file as a whole, if memory is available
undef $/ if $opt_m;
eval $search;
eval "";
$/ = "\n";
while (($key,$value) = each(shmaster)) {
    next if $value eq "";
    foreach $file (sort(split(/#/,$value))) {
        next if $file eq "";
        print FUI
            pack("A35", $file),
            pack("A20", "$shwanted{$key}.U"),
            $key, "\n";
        print UIF
            pack("A20", "$shwanted{$key}.U"),
            pack("A25", $key),
            $file, "\n";
    }
}

close FUI;
close UIF;

# If obsolete symbols were found, write an Obsolete file which lists where
# each of them appear and the new symbol to be used. Also write Obsol_h.U
# and Obsol_sh.U in .MT for later perusal.

&dump_obsolete; # Dump obsolete symbols if any

# Clean-up memory by freeing useless data structures
undef @SHlist;
undef %shmaster;
}

# This routine records matches of obsolete keys (C or shell)

```

```

sub main'load_ofound {
    package main;
    local($key) = @_;
    local($_) = $Obsolete{$key}; # Value of new symbol
    $ofound{"$ARGV $key $_"}++; # Record obsolete match
    $cmaster{$_} .= "$ARGV#" unless /^$/; # A C hit
    $shmaster{$_} .= "$ARGV#" if /^$/; # Or a shell one
}

# Create a new symbol name each time it is invoked. That name is suitable for
# usage as a perl variable name.
sub main'load_gensym {
    package main;
    $Gensym = 'AAAAA' unless $Gensym;
    $Gensym++;
}

sub main'load_manifake {
    package main;
    # make MANIFEST and MANIFEST.new say the same thing
    if (! -f $NEWMANI) {
        if (-f $MANI) {
            open(IN,$MANI) || die "Can't open $MANI";
            open(OUT,">$NEWMANI") || die "Can't create $NEWMANI";
            while (<IN>) {
                if (/---/) {
                    # Everything until now was a header...
                    close OUT;
                    open(OUT,">$NEWMANI") ||
                    die "Can't recreate $NEWMANI";
                    next;
                }
                s/^\s*(\S+\s+)[0-9]*\s*(.*)/$1$2/;
            }
            print OUT;
            print OUT "\n" unless /\n$/; # If no description
        }
        close IN;
    }
    close OUT;
}
else {
    die "You need to make a $NEWMANI file, with names and descriptions.\n";
}
}

# Perform ~name expansion ala ksh...
# (banish csh from your vocabulary ;- )
sub main'load_tilda_expand {

```

```

package main;
local($path) = @_;
return $path unless $path =~ /^~/;
$path =~ s:^(^/)+:(getpwnam($1))[$+7]:e; # ~name
$path =~ s:^(^~:~$ENV{'HOME'}) || (getpwuid($<))[$+7]:e; # ~
$path;
}

# Set up profile components into %Profile, add any profile-supplied options
# into @ARGV and return the command invocation name.
sub main'load_profile {
    package main;
    local($profile) = &tilda_expand($ENV{'DIST'} || '~/dist_profile');
    local($me) = $0; # Command name
    $me =~ s|.*|(.*)$1|; # Keep only base name
    return $me unless -s $profile;
    local(*PROFILE); # Local file descriptor
    local($options) = ""; # Options we get back from profile
    unless (open(PROFILE, $profile)) {
        warn "$me: cannot open $profile: $!\n";
        return;
    }
    local($_);
    local($component);
    while (<PROFILE>) {
        next if /\s*#/; # Skip comments
        next unless /^$me/o;
        if (s/^$me://o) { # progname: options
            chop;
            $options .= $_; # Merge options if more than one line
        }
        elsif (s/^$me-([^:]+)//o) { # progname-component: value
            $component = $1;
            chop;
            s/^\s+//; # Trim leading and trailing spaces
            s/\s+$/;/;
            $Profile{$component} = $_;
        }
    }
    close PROFILE;
    return unless $options;
    require 'shellwords.pl';
    local(@opts);
    eval '@opts = &shellwords($options)'; # Protect against mismatched quotes
    unshift(@ARGV, @opts);
    return $me; # Return our invocation name
}

```

#  
# End of dataloading section.  
#

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/metaxref

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Options.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Options.U,v \$

?RCS: Revision 3.0.1.7 1997/02/28 15:08:15 ram

?RCS: patch61: optdef.sh now starts with a "startsh"

?RCS: patch61: moved some code from Head.U

?RCS:

?RCS: Revision 3.0.1.6 1995/09/25 09:14:46 ram

?RCS: patch59: protected option parsing code against 'echo -\*' option failure

?RCS:

?RCS: Revision 3.0.1.5 1995/05/12 12:04:52 ram

?RCS: patch54: added -K option for experts

?RCS:

?RCS: Revision 3.0.1.4 1995/01/30 14:27:52 ram

?RCS: patch49: this unit now exports file optdef.sh, not a variable

?RCS:

?RCS: Revision 3.0.1.3 1995/01/11 15:19:00 ram

?RCS: patch45: new -O option allowing -D and -U to override config.sh settings

?RCS: patch45: file optdef.sh is no longer removed after sourcing

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 15:58:06 ram

?RCS: patch36: ensure option definition file is removed before appending

?RCS: patch36: protect variable definitions with spaces in them

?RCS:

?RCS: Revision 3.0.1.1 1994/06/20 06:55:44 ram

?RCS: patch30: now uses new me symbol to tag error messages

?RCS: patch30: new -D and -U options to define/undef symbols (JHI)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:14 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:  
?X: Command line parsing. It is really important that the variables used here  
?X: be not listed in the MAKE line, or they will be saved in config.sh and  
?X: loading this file to fetch default answers would clobber the values set  
?X: herein.  
?X:  
?MAKE:Options: startsh  
?MAKE: -pick wipe \$@ %<  
?V:reuseval alldone error realsilent silent extractsh fastread \  
knowitall: config\_sh  
?T:arg argn symbol config\_arg0 config\_args config\_argc xxx yyy zzz uuu  
?T:args\_exp args\_sep arg\_exp ccflags  
?F:!Configure  
?F:./optdef.sh ./cmdline.opt ./posthint.sh ./cmdl.opt  
: Save command line options in file UU/cmdline.opt for later use in  
: generating config.sh.  
?X: This temporary file will be read by Oldsym.U. I used a temporary  
?X: file to preserve all sorts of potential command line quotes and  
?X: also because we don't know in advance how many variables we'll  
?X: need, so I can't actually declare them on the MAKE line.  
?X: The config\_args variable won't be quite correct if Configure is  
?X: fed something like ./Configure -Dcc="gcc -B/usr/ccs/bin/"  
?X: since the quotes are gone by the time we see them. You'd have to  
?X: reconstruct the command line from the config\_arg? lines, but since  
?X: I don't imagine anyone actually having to do that, I'm not going  
?X: to worry too much.  
cat > cmdline.opt <<EOSH  
: Configure command line arguments.  
config\_arg0='\$0'  
config\_args='\$\*'  
config\_argc=\$#  
EOSH  
argn=1  
args\_exp=""  
args\_sep=""  
for arg in "\$@"; do  
cat >>cmdline.opt <<EOSH  
config\_arg\$argn='\$arg'  
EOSH  
?X: Extreme backslashitis: replace each ' by ''''''  
cat <<EOC | sed -e "s/'/'''''''''/g" > cmdl.opt  
\$arg  
EOC  
arg\_exp=`cat cmdl.opt`  
args\_exp="\$args\_exp\$args\_sep'\$arg\_exp'"  
argn=`expr \$argn + 1`  
args\_sep=' '  
done

?X: args\_exp is good for restarting self: eval "set X \$args\_exp"; shift; \$0 "\$@"

?X: used by hints/os2.sh in Perl, for instance

```
rm -f cmdl.opt
```

: produce awk script to parse command line options

```
cat >options.awk <<'EOF'
```

```
BEGIN {
```

```
  optstr = "A:dD:eEf:hKOrsSU:V"; # getopt-style specification
```

```
  len = length(optstr);
```

```
  for (i = 1; i <= len; i++) {
```

```
    c = substr(optstr, i, 1);
```

?X: some older awk's do not have the C ?: construct

```
    if (i < len) a = substr(optstr, i + 1, 1); else a = "";
```

```
    if (a == ":") {
```

```
      arg[c] = 1;
```

```
      i++;
```

```
    }
```

```
    opt[c] = 1;
```

```
  }
```

```
}
```

```
{
```

```
  expect = 0;
```

```
  str = $0;
```

```
  if (substr(str, 1, 1) != "-") {
```

```
    printf("%s\n", str);
```

```
    next;
```

```
  }
```

```
  len = length($0);
```

```
  for (i = 2; i <= len; i++) {
```

```
    c = substr(str, i, 1);
```

```
    if (!opt[c]) {
```

```
      printf("-%s\n", substr(str, i));
```

```
      next;
```

```
    }
```

```
    printf("-%s\n", c);
```

```
    if (arg[c]) {
```

```
      if (i < len)
```

```
        printf("%s\n", substr(str, i + 1));
```

```
      else
```

```
        expect = 1;
```

```
      next;
```

```
    }
```

```
  }
```

```
}
```

```
END {
```

```
  if (expect)
```

```
    print "?";
```

```
}  
EOF
```

: process the command line options

?X: Use "\$@" to keep arguments with spaces in them from being split apart.

?X: For the same reason, awk will output quoted arguments and the final eval

?X: removes them and sets a proper \$\* array. An 'X' is prepended to each

?X: argument before being fed to echo to guard against 'echo -x', where -x

?X: would be understood as an echo option! It is removed before feeding awk.

set X `for arg in "\$@"; do echo "X\$arg"; done |

```
sed -e s/X// | awk -f options.awk`
```

```
eval "set $*"
```

```
shift
```

```
rm -f options.awk
```

: set up default values

```
fastread=""
```

```
reuseval=false
```

```
config_sh=""
```

```
alldone=""
```

```
error=""
```

```
silent=""
```

```
extractsh=""
```

```
knowitall=""
```

```
rm -f optdef.sh posthint.sh
```

```
cat >optdef.sh <<EOS
```

```
$startsh
```

```
EOS
```

?X:

?X: Given that we now have the possibility to execute Configure remotely

?X: thanks to the new src.U support, we have to face the possibility

?X: of having to ask where the source lie, which means we need the Myread.U

?X: stuff and possibly other things that might echo something on the

?X: screen...

?X:

?X: That's not pretty, and might be confusing in 99% of the time. So...

?X: We introduce a new realsilent variable which is set when -s is given,

?X: and we force silent=true if -S is supplied. The Extractall.U unit

?X: will then undo the >&4 redirection based on the value of the

?X: realsilent variable... -- RAM, 18/93/96

?X:

: option parsing

```
while test $# -gt 0; do
```

```
case "$1" in
```

```
-d) shift; fastread=yes;;
```

```
-e) shift; alldone=cont;;
```



```

-f)
shift
cd ..
if test -r "$1"; then
  config_sh="$1"
else
  echo "$me: cannot read config file $1." >&2
  error=true
fi
cd UU
shift;;
--help\
-h) shift; error=true;;
-r) shift; reuseval=true;;
-s) shift; silent=true; realsilent=true;;
-E) shift; alldone=exit;;
-K) shift; knowitall=true;;
-O) shift;;
-S) shift; silent=true; extractsh=true;;
-D)
shift
case "$1" in
*=)
  echo "$me: use '-U symbol=', not '-D symbol='." >&2
  echo "$me: ignoring -D $1" >&2
  ;;
*=*) echo "$1" | \
  sed -e "s/'/'\"/g" -e "s/=(.*)/=\\1/'" >> optdef.sh;;
*) echo "$1='define'" >> optdef.sh;;
esac
shift
;;
-U)
shift
case "$1" in
*=) echo "$1" >> optdef.sh;;
*=*)
  echo "$me: use '-D symbol=val', not '-U symbol=val'." >&2
  echo "$me: ignoring -U $1" >&2
  ;;
*) echo "$1='undef'" >> optdef.sh;;
esac
shift
;;
-A)
  shift
  xxx="
  yyy="$1"

```

```

zzz=""
uuu=undef
case "$yyy" in
  *=*) zzz=`echo "$yyy"|sed 's!=. *!!'^
    case "$zzz" in
      *.* ) zzz="" ;;
      *) xxx=append
        zzz=" "`echo "$yyy"|sed 's!^[^=]*=!!'^
        yyy=`echo "$yyy"|sed 's!=. *!!'^ ;;
    esac
  ;;
esac
case "$xxx" in
  *) case "$yyy" in
      *.* ) xxx=`echo "$yyy"|sed 's!:. *!!'^
        yyy=`echo "$yyy"|sed 's!^[^:]*:!!'^
        zzz=`echo "$yyy"|sed 's!^[^=]*=!!'^
        yyy=`echo "$yyy"|sed 's!=. *!!'^ ;;
      *) xxx=`echo "$yyy"|sed 's!:. *!!'^
        yyy=`echo "$yyy"|sed 's!^[^:]*:!!'^ ;;
    esac
  ;;
esac
case "$xxx" in
  append)
echo "$yyy=\\"${$yyy}$zzz\""" >> posthint.sh ;;
  clear)
echo "$yyy="" >> posthint.sh ;;
  define)
    case "$zzz" in
  ") zzz=define ;;
  esac
echo "$yyy=$zzz" >> posthint.sh ;;
  eval)
echo "eval \"$yyy=$zzz\""" >> posthint.sh ;;
  prepend)
echo "$yyy=\\"$zzz\${$yyy}\""" >> posthint.sh ;;
  undef)
    case "$zzz" in
  ") zzz="$uuu" ;;
  esac
echo "$yyy=$zzz" >> posthint.sh ;;
  *) echo "$me: unknown -A command '$xxx', ignoring -A $1" >&2 ;;
  esac
  shift
  ;;
-V) echo "$me generated by metaconfig <VERSION> PL<PATCHLEVEL>." >&2
  exit 0;;

```

```

--) break;;
-*) echo "$me: unknown option $1" >&2; shift; error=true;;
*) break;;
esac
done

case "$error" in
true)
cat >&2 <<EOM
Usage: $me [-dehrsEKOSV] [-f config.sh] [-D symbol] [-D symbol=value]
        [-U symbol] [-U symbol=] [-A command:symbol...]
-d : use defaults for all answers.
-e : go on without questioning past the production of config.sh.
-f : specify an alternate default configuration file.
-h : print this help message and exit (with an error status).
-r : reuse C symbols value if possible (skips costly nm extraction).
-s : silent mode, only echoes questions and essential information.
-D : define symbol to have some value:
    -D symbol      symbol gets the value 'define'
    -D symbol=value symbol gets the value 'value'
common used examples (see INSTALL for more info):
-Duse64bitint      use 64bit integers
-Duse64bitall      use 64bit integers and pointers
-Dusetthreads      use thread support
-Dinc_version_list=none do not include older perl trees in @INC
-DEBUGGING=none    DEBUGGING options
-Dcc=gcc           choose your compiler
-Dprefix=/opt/perl5 choose your destination
-E : stop at the end of questions, after having produced config.sh.
-K : do not use unless you know what you are doing.
-O : ignored for backward compatibility
-S : perform variable substitutions on all .SH files (can mix with -f)
-U : undefine symbol:
    -U symbol      symbol gets the value 'undef'
    -U symbol=     symbol gets completely empty
e.g.: -Uversiononly
-A : manipulate symbol after the platform specific hints have been applied:
    -A append:symbol=value append value to symbol
    -A symbol=value      like append:, but with a separating space
    -A define:symbol=value define symbol to have value
    -A clear:symbol      define symbol to be ""
    -A define:symbol      define symbol to be 'define'
    -A eval:symbol=value  define symbol to be eval of value
    -A prepend:symbol=value prepend value to symbol
    -A undef:symbol       define symbol to be 'undef'
    -A undef:symbol=      define symbol to be ""
e.g.: -A prepend:libswanted='cl pthread '
    -A ccflags=-DSOME_MACRO

```

-V : print version number and exit (with a zero status).

EOM

exit 1

::

esac

?X:

?X: Unless they specified either -S or both -d and -e/E, make sure we're

?X: running interactively, i.e. attached to a terminal. Moved from Head.U to

?X: be able to handle batch configurations...

?X:

?X: We have to hardwire the Configure name and cannot use \$me, since if they

?X: said 'sh <Configure', then \$me is 'sh'...

?X:

: Sanity checks

case "\$fastread\$alldone" in

yescont|yesexit) ;;

\*)

case "\$extractsh" in

true) ;;

\*)

if test ! -t 0; then

echo "Say 'sh Configure', not 'sh <Configure'"

exit 1

fi

::

esac

::

esac

?X: In silent mode, the standard output is closed. Questions are asked by

?X: outputting on file descriptor #4, which is the original stdout descriptor.

?X: This filters out all the "junk", since all the needed information is written

?X: on #4. Note that ksh will not let us redirect output if the file descriptor

?X: has not be defined yet, unlike sh, hence the following line...--RAM.

exec 4>&1

case "\$silent" in

true) exec 1>/dev/null;;

esac

: run the defines and the undefines, if any, but leave the file out there...

touch optdef.sh

?X: -q is POSIX

?X: It does not work in SysV (solaris) or old BSD greps.

grep '\| optdef.sh >/dev/null 2>&1

if test \$? = 0; then

echo "Configure does not support \| in -D arguments"

exit 1

fi

./optdef.sh

: create the posthint manipulation script and leave the file out there...

?X: this file will be perused by Oldconfig.U

touch posthint.sh

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Options.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_shmat.U,v 3.0.1.3 1995/07/25 14:04:23 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d\_shmat.U,v \$

?RCS: Revision 3.0.1.3 1995/07/25 14:04:23 ram

?RCS: patch56: use findhdr to find <sys/shm.h>, to get the right one (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:18:56 ram

?RCS: patch27: added new symbol HAS\_SHMAT\_PROTOTYPE (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 14:54:18 ram

?RCS: patch23: new Shmat\_t symbol to declare return type of shmat()

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:18 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_shmat shmattype d\_shmatprototype: Inlibc cat +cc +ccflags \  
rm eppstdin cppflags cppminus Findhdr Setvar contains

?MAKE: -pick add \$@ %<

?S:d\_shmat:

?S: This variable conditionally defines the HAS\_SHMAT symbol, which

?S: indicates to the C program that the shmat() routine is available.

?S:.

?S:shmattype:

?S: This symbol contains the type of pointer returned by shmat().

?S: It can be 'void \*' or 'char \*'.

?S:.

?S:d\_shmatprototype:

?S: This variable conditionally defines the HAS\_SHMAT\_PROTOTYPE

?S: symbol, which indicates that sys/shm.h has a prototype for

?S: shmat.

?S:.

?C:HAS\_SHMAT:

?C: This symbol, if defined, indicates that the shmat() routine is

?C: available to attach a shared memory segment to the process space.

?C:.

?C:Shmat\_t:

?C: This symbol holds the return type of the shmat() system call.

?C: Usually set to 'void \*' or 'char \*'.

?C:.

?C:HAS\_SHMAT\_PROTOTYPE:

?C: This symbol, if defined, indicates that the sys/shm.h includes

?C: a prototype for shmat(). Otherwise, it is up to the program to

?C: guess one. Shmat\_t shmat(int, Shmat\_t, int) is a good guess,

?C: but not always right so it should be emitted by the program only

?C: when HAS\_SHMAT\_PROTOTYPE is not defined to avoid conflicting defs.

?C:.

?H:#\$d\_shmat HAS\_SHMAT /\*\*/

?H:#define Shmat\_t \$shmattype /\*\*/

?H:#\$d\_shmatprototype HAS\_SHMAT\_PROTOTYPE /\*\*/

?H:.

?LINT:set d\_shmat d\_shmatprototype

?T:xxx

: see if shmat exists

set shmat d\_shmat

eval \$inlibc

: see what shmat returns

case "\$d\_shmat" in

"\$define")

\$cat >shmat.c <<'END'

#include <sys/shm.h>

void \*shmat();

END

if \$cc \$ccflags -c shmat.c >/dev/null 2>&1; then

shmattype='void \*'

else

shmattype='char \*'

fi

echo "and it returns (\$shmattype)." >&4

: see if a prototype for shmat is available

xxx=`./findhdr sys/shm.h`

\$cppstdin \$cppflags \$cppminus < \$xxx > shmat.c 2>/dev/null

if \$contains 'shmat.\*(' shmat.c >/dev/null 2>&1; then

val="\$define"

else

val="\$undef"

fi

\$rm -f shmat.[co]

```
::
*)
val="$undef"
::
esac
set d_shmatprototype
eval $setvar
```

Found in path(s):

```
*/opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_shmat.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_getnetent\_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d\_getnetent\_r getnetent\_r\_proto: Inlibc Protochk Hasproto i\_systypes \  
usethreads i\_netdb extern\_C

?MAKE: -pick add \$@ %<

?S:d\_getnetent\_r:

?S: This variable conditionally defines the HAS\_GETNETENT\_R symbol,

?S: which indicates to the C program that the getnetent\_r()

?S: routine is available.

?S:.

?S:getnetent\_r\_proto:

?S: This variable encodes the prototype of getnetent\_r.

?S: It is zero if d\_getnetent\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getnetent\_r

?S: is defined.

?S:.

?C:HAS\_GETNETENT\_R:

?C: This symbol, if defined, indicates that the getnetent\_r routine

?C: is available to getnetent re-entrantly.

?C:.

?C:GETNETENT\_R\_PROTO:

?C: This symbol encodes the prototype of getnetent\_r.

?C: It is zero if d\_getnetent\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getnetent\_r

?C: is defined.

?C:.

?H:#d\_getnetent\_r HAS\_GETNETENT\_R /\*\*/

?H:#define GETNETENT\_R\_PROTO \$getnetent\_r\_proto /\*\*/

?H:.

```

?T:try hdrs d_getnetent_r_proto
: see if getnetent_r exists
set getnetent_r d_getnetent_r
eval $inlibc
case "$d_getnetent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getnetent_r_proto:$usetthreads" in
":define") d_getnetent_r_proto=define
set d_getnetent_r_proto getnetent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getnetent_r_proto" in
define)
case "$getnetent_r_proto" in
"|0) try='int getnetent_r(struct netent*, char*, size_t, struct netent**, int*);'
./protochk "$extern_C $try" $hdrs && getnetent_r_proto=I_SBWRE ;;
esac
case "$getnetent_r_proto" in
"|0) try='int getnetent_r(struct netent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && getnetent_r_proto=I_SBIE ;;
esac
case "$getnetent_r_proto" in
"|0) try='struct netent* getnetent_r(struct netent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && getnetent_r_proto=S_SBIE ;;
esac
case "$getnetent_r_proto" in
"|0) try='struct netent* getnetent_r(struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetent_r_proto=S_SBI ;;
esac
case "$getnetent_r_proto" in
"|0) try='int getnetent_r(struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetent_r_proto=I_SBI ;;
esac
case "$getnetent_r_proto" in
"|0) try='int getnetent_r(struct netent*, struct netent_data*);'
./protochk "$extern_C $try" $hdrs && getnetent_r_proto=I_SD ;;
esac
case "$getnetent_r_proto" in
"|0) d_getnetent_r=undef
getnetent_r_proto=0
echo "Disabling getnetent_r, cannot determine prototype." >&4 ;;
*) case "$getnetent_r_proto" in
REENTRANT_PROTO*) ;;
*) getnetent_r_proto="REENTRANT_PROTO_$getnetent_r_proto" ;;
esac
echo "Prototype: $try" ;;

```



```

esac
;;
*) case "$usethreads" in
define) echo "getnetent_r has no prototype, not using it." >&4 ;;
esac
d_getnetent_r=undef
getnetent_r_proto=0
;;
esac
;;
*) getnetent_r_proto=0
;;
esac

```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_getnetent\_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Myinit.U,v 3.0 1993/08/18 12:05:07 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: Myinit.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:07 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: If you want to initialize any default values, copy this unit to your

?X: personal U directory and add the assignments to the end. This file

?X: is included after variables are initialized but before any old

?X: config.sh file is read in and before any Configure switch processing.

?X:

?MAKE:Myinit libswanted: Init

?MAKE: -pick add \$@ %<

?S:libswanted:

?S: This variable holds a list of all the libraries we want to

?S: search. The order is chosen to pick up the c library

?S: ahead of ucb or bsd libraries for SVR4.

?S:.

?LINT:extern usevfork glibpth

?LINT:change usevfork glibpth  
: List of libraries we want.  
?X: Put crypt here, even though I should really fix d\_crypt.U to look  
?X: for it correctly, including possible shared library versions.  
: If anyone needs extra -lxxx, put those in a hint file.  
libswanted="cl pthread socket bind inet nsl ndbm gdbm dbm db malloc dl ld"  
libswanted="\$libswanted sun m crypt sec util c cposix posix ucb bsd BSD"  
: We probably want to search /usr/shlib before most other libraries.  
: This is only used by the lib/ExtUtils/MakeMaker.pm routine extliblist.  
glibpth=`echo " \$glibpth " | sed -e 's! /usr/shlib ! !'`  
glibpth="/usr/shlib \$glibpth"  
: Do not use vfork unless overridden by a hint file.  
usevfork=false

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Myinit.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fpclass: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fpclass:

?S: This variable conditionally defines the HAS\_FPCLASS symbol, which

?S: indicates to the C program that the fpclass() routine is available.

?S:.

?C:HAS\_FPCLASS:

?C: This symbol, if defined, indicates that the fpclass routine is

?C: available to classify doubles. Available for example in Solaris/SVR4.

?C: The returned values are defined in <ieeefp.h> and are:

?C:

?C: FP\_SNAN signaling NaN

?C: FP\_QNAN quiet NaN

?C: FP\_NINF negative infinity

?C: FP\_PINF positive infinity

?C: FP\_NDENORM negative denormalized non-zero

?C: FP\_PDENORM positive denormalized non-zero

?C: FP\_NZERO negative zero

?C: FP\_PZERO positive zero

?C: FP\_NNORM negative normalized non-zero

?C: FP\_PNORM positive normalized non-zero

?C:.

```
?H:#$d_fpclass HAS_FPCLASS /**/  
?H.:  
?LINT:set d_fpclass  
: see if fpclass exists  
set fpclass d_fpclass  
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpclass.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysuio.U,v $  
?RCS:  
?RCS: Copyright (c) 1998 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:i_sysuio: Inhdr  
?MAKE: -pick add $@ %<  
?S:i_sysuio:  
?S: This variable conditionally defines the I_SYSUIO symbol, and indicates  
?S: whether a C program should include <sys/uio.h>.  
?S.:  
?C:I_SYSUIO:  
?C: This symbol, if defined, indicates that <sys/uio.h> exists and  
?C: should be included.  
?C.:  
?H:#$i_sysuio I_SYSUIO /**/  
?H.:  
?LINT:set i_sysuio  
: see if this is a sys/uio.h system  
set sys/uio.h i_sysuio  
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_sysuio.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Begin.U 1 2006-08-24 12:32:52Z rmanfredi $  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of
```

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Begin.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 14:56:35 ram

?RCS: patch61: added Extractall dependency

?RCS:

?RCS: Revision 3.0.1.2 1995/01/30 14:25:08 ram

?RCS: patch49: avoid an empty rmlist: systems might choke on it (WED)

?RCS:

?RCS: Revision 3.0.1.1 1994/10/31 09:32:20 ram

?RCS: patch44: created

?RCS:

?X:

?X: This file comes after option processing had been done and after all

?X: the default values have been set up. It marks the beginning of questions.

?X: It is important that Options be listed \*after\* Myinit to ensure that the

?X: default initializations performed by Init and Myinit will not clobber

?X: any setting done on the command line via -D or -U.

?X:

?MAKE:Begin: Myinit Options package Extractall

?MAKE: -pick add \$@ %<

: Eunice requires " " instead of "'", can you believe it

echo " "

: Here we go...

echo "Beginning of configuration questions for \$package."

?X: Make sure the rm below is given a non-empty list for some systems.

?X: This is run only when within the UU directory, hence we can safely

?X: attempt to rm a non-existent 'X' file...

trap 'echo " "; test -d ../UU && rm -rf X \$rmlist; exit 1' 1 2 3 15

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Begin.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_bcmp.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d\_bcmp.U,v \$

```

?RCS: Revision 3.0.1.2 1993/10/16 13:47:52 ram
?RCS: patch12: added magic support for bcmp()
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:00:44 ram
?RCS: patch10: now only defines HAS_BCMP, no macro remap on memcmp (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:42 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_bcmp: Inlibc
?MAKE:-pick add $@ %<
?S:d_bcmp:
?S: This variable conditionally defines the HAS_BCMP symbol if
?S: the bcmp() routine is available to compare strings.
?S:.
?C:HAS_BCMP:
?C: This symbol is defined if the bcmp() routine is available to
?C: compare blocks of memory.
?C:.
?H:#$d_bcmp HAS_BCMP /**/
?H:.
?M:bcmp: HAS_BCMP
?M:#ifndef HAS_BCMP
?M:#ifndef bcmp
?M:#define bcmp(s,d,l) memcmp((s),(d),(l))
?M:#endif
?M:#endif
?M:.
?LINT:set d_bcmp
: see if bcmp exists
set bcmp d_bcmp
eval $inlibc

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_bcmp.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_sysndir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:

```

?RCS: \$Log: i\_sysndir.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:08:33 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:i\_sysndir: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_sysndir:  
?S: This variable conditionally defines the I\_SYS\_NDIR symbol, and indicates  
?S: whether a C program should include <sys/ndir.h>.  
?S:.  
?C:I\_SYS\_NDIR (I\_SYSNDIR):  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <sys/ndir.h>.  
?C:.  
?H:#\$i\_sysndir I\_SYS\_NDIR /\*\*/  
?H:.  
?LINT:set i\_sysndir  
: see if this is an sysndir system  
set sys/ndir.h i\_sysndir  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_sysndir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_preadv.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_preadv.U,v \$  
?RCS:  
?MAKE:d\_preadv: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_preadv:  
?S: This variable conditionally defines the HAS\_PREADV symbol, which  
?S: indicates to the C program that the preadv() routine is available.  
?S:.  
?C:HAS\_PREADV :  
?C: This symbol, if defined, indicates that the preadv routine is  
?C: available to perform vectored reads on a file descriptor at a  
?C: given offset.

```
?C:
?H:#$d_preadv HAS_PREADV /**/
?H:
?LINT:set d_preadv
: see if preadv exists
set preadv d_preadv
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_preadv.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strxfrm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_strxfrm.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:12:04 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_strxfrm: Inlibc
?MAKE: -pick add $@ %<
?S:d_strxfrm:
?S: This variable conditionally defines HAS_STRXFRM if strxfrm() is
?S: available to transform strings.
?S:
?C:HAS_STRXFRM:
?C: This symbol, if defined, indicates that the strxfrm() routine is
?C: available to transform strings.
?C:
?H:#$d_strxfrm HAS_STRXFRM /**/
?H:
?LINT:set d_strxfrm
: see if strxfrm exists
set strxfrm d_strxfrm
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/d\_strxfrm.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS:

?X:

?X: This unit is just a quick shorthand for the compile command

?X: to be used in all the other metaconfig units.

?X:

?MAKE:Compile: +cc +optimize +ccflags +ldflags +libs

?MAKE: -pick add \$@ %<

?LINT:define compile compile\_ok

?V:compile compile\_ok mc\_file

?S:compile:

?S: This shell variable is used internally by Configure to provide

?S: a convenient shorthand for the typical compile command, namely

?S: \$cc \$optimize \$ccflags \$ldflags -o \$1 \$1.c \$libs > /dev/null 2>&1

?S: Note that the output filename does not include the \_exe

?S: extension. Instead we assume that the linker will be

?S: "helpful" and automatically appending the correct suffix.

?S: OS/2 users will apparently need to supply the `-Zexe` flag to

?S: get this behavior.

?S:

?S: To use this variable, say something like:

?S: `echo 'int main() { exit(0); }' > try.c`

?S: `set try`

?S: `if eval $compile; then`

?S: `echo "success" # and do whatever . . .`

?S: `else`

?S: `echo "failure" # and do whatever . . .`

?S: `fi`

?S: To add extra flags cc flags (e.g. `-DWHATEVER`) just put them

?S: in `$*`, e.g.

?S: `set try -DTRY_THIS_FLAG`



```

?S:.
?S:compile_ok:
?S: This shell variable is used internally by Configure to provide
?S: a convenient shorthand for the typical compile command that you
?S: expect to work ok. It is the same as $compile, except we
?S: deliberately let the user see any error messages.
?S:.
: define a shorthand compile call
compile='
mc_file=$1;
shift;
$cc -o ${mc_file} $optimize $ccflags $ldflags $* ${mc_file}.c $libs > /dev/null 2>&1;'
: define a shorthand compile call for compilations that should be ok.
compile_ok='
mc_file=$1;
shift;
$cc -o ${mc_file} $optimize $ccflags $ldflags $* ${mc_file}.c $libs;'

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Compile.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fs\_data\_s: Hasstruct i\_sysparam i\_sysmount i\_systypes Setvar

?MAKE: -pick add \$@ %<

?S:d\_fs\_data\_s:

?S: This variable conditionally defines the HAS\_STRUCT\_FS\_DATA symbol,

?S: which indicates that the struct fs\_data is supported.

?S:.

?C:HAS\_STRUCT\_FS\_DATA:

?C: This symbol, if defined, indicates that the struct fs\_data

?C: to do statfs() is supported.

?C:.

?H:#\$d\_fs\_data\_s HAS\_STRUCT\_FS\_DATA /\*\*/

?H:.

?LINT:set d\_fs\_data\_s

: Check for fs\_data\_s

echo " "

echo "Checking to see if your system supports struct fs\_data..." >&4

set d\_fs\_data\_s fs\_data \$i\_systypes sys/types.h \$i\_sysparam sys/param.h \$i\_sysmount sys/mount.h

eval \$hasstruct

```
case "$d_fs_data_s" in
"$define")  echo "Yes, it does." ;;
*)          echo "No, it doesn't." ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fs_data_s.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2017, Karl Williamson

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i\_wchar: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_wchar:

?S: This variable conditionally defines the I\_WCHAR symbol,

?S: that indicates whether a C program may include <wchar.h>.

?S:.

?C:I\_WCHAR:

?C: This symbol, if defined, indicates to the C program that <wchar.h>

?C: is available for inclusion

?C:.

?H:#\$i\_wchar I\_WCHAR /\*\*/

?H:.

?LINT:set i\_wchar

: see if wchar.h is present

set wchar.h i\_wchar

eval \$inhdr

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_wchar.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: Myinit.U,v \$  
?RCS: Revision 3.0.1.1 1994/10/31 09:47:29 ram  
?RCS: patch44: leading comment states this unit comes before option processing  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:07 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: If you want to initialize any default values, copy this unit to your  
?X: personal U directory and add the assignments to the end. This file  
?X: is included after variables are initialized but before any old  
?X: config.sh file is read in and before any Configure switch processing.  
?X:  
?MAKE:Myinit: Init  
?MAKE: -pick add \$@ %<  
?LINT: nocomment

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Myinit.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_mntent.U,v \$  
?RCS:  
?RCS: Copyright (c) 1999 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:i\_mntent: Inhdr Hasfield  
?MAKE: -pick add \$@ %<  
?S:i\_mntent:  
?S: This variable conditionally defines the I\_MNTENT symbol, and indicates  
?S: whether a C program should include <mntent.h>.  
?S:.  
?C:I\_MNTENT:  
?C: This symbol, if defined, indicates that <mntent.h> exists and  
?C: should be included.  
?C:.  
?H:#\$i\_mntent I\_MNTENT /\*\*/  
?H:.  
?LINT:set i\_mntent  
: see if this is a mntent.h system  
set mntent.h i\_mntent

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_mntent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?X: This unit generates a \$hasstruct string that is used internally

?X: by Configure to check if this system has a field for a

?X: particular struct (of if this system has a particular struct!)

?X:

?X: To use it, say something like:

?X: set d\_statblocks stat i\_sysstat sys/stat.h

?X: eval \$hasstruct

?X: Or, for more complicated sets of headers, do something like

?X: hdrs="\$define sys/foo.h

?X: \$i\_sysbar sys/bar.h

?X: \$i\_syszot sys/zot.h

?X: \$i\_zappa zappa.h"

?X: set d\_statblocks stat \$hdrs

?X: eval \$hasstruct

?X:

?MAKE:Hasstruct: Setvar rm\_try test Compile

?MAKE:-pick add \$@ %<

?T:varname struct

?V:hasstruct

: Define hasstruct macro for Configure internal use

hasstruct='varname=\$1; struct=\$2; shift; shift;

while \$test \$# -ge 2; do

case "\$1" in

\$define) echo "#include <\$2>";;

esac ;

shift 2;

done > try.c;

echo "int main () { struct \$struct foo; }" >> try.c;

set try;

if eval \$compile; then

val="\$define";

else

val="\$undef";

fi;

```
set $varname;  
eval $setvar;  
$rm_try'
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-  
5.30.0/U/protos/Hasstruct.U
```

No license file was found, but licenses were detected in source scan.

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?RCS:

?RCS: \$Log: usrinc.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 16:27:12 ram

?RCS: patch61: don't ask for the include path unless they are on a MIPS

?RCS:

?RCS: Revision 3.0.1.2 1995/05/12 12:24:36 ram

?RCS: patch54: ensure that ./mips always exists (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:18:31 ram

?RCS: patch23: ensure usrinc value is preserved across sessions (WED)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:58 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:usrinc incpath mips\_type: test cat echo n c Getfile Guess \

Oldconfig eunicefix contains rm

?MAKE: -pick add \$@ %<

?S:usrinc:

?S: This variable holds the path of the include files, which is

?S: usually /usr/include. It is mainly used by other Configure units.

?S:.

?S:incpath:

?S: This variable must precede the normal include path to get hte

?S: right one, as in "\$incpath/usr/include" or "\$incpath/usr/lib".

?S: Value can be "" or "/bsd43" on mips.

?S:.

?S:mips\_type:

?S: This variable holds the environment type for the mips system.

?S: Possible values are "BSD 4.3" and "System V".

?S:.

```

?D:usrinc='/usr/include'
?LINT:create mips
?T:xxx_prompt
?F:./mips
: What should the include directory be ?
echo " "
$echo $n "Hmm... $c"
dflt='/usr/include'
incpath="
?X: mips_type is used later, to add -DSYSTYPE_BSD43 to cppflags if needed.
mips_type="
?X:
?X: Cannot put the following in Guess, or we get a circular dependency.
?X:
if $test -f /bin/mips && /bin/mips; then
  echo "Looks like a MIPS system..."
  $cat >usr.c <<'EOCP'
  #ifdef SYSTYPE_BSD43
  /bsd43
  #endif
  EOCP
  if cc -E usr.c > usr.out && $contains /usr.out >/dev/null 2>&1; then
    dflt='/bsd43/usr/include'
    incpath='/bsd43'
    mips_type='BSD 4.3'
  else
    mips_type='System V'
  fi
  $rm -f usr.c usr.out
  echo "and you're compiling with the $mips_type compiler and libraries."
  xxx_prompt=y
  echo "exit 0" >mips
else
  echo "Doesn't look like a MIPS system."
  xxx_prompt=n
  echo "exit 1" >mips
fi
chmod +x mips
$unicefix mips
case "$usrinc" in
  ") ;;
  *) dflt="$usrinc";;
esac
case "$xxx_prompt" in
  y) fn=d/
  echo " "
  rp='Where are the include files you want to use?'
  ./getfile

```

```

usrinc="$sans"
;;
*) usrinc="$dflt"
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/usrinc.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?RCS: \$Log: pidtype.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:31:27 ram

?RCS: patch32: now uses new Typedef unit to compute type information

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:33 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:pidtype: Myread Typedef

?MAKE: -pick add \$@ %<

?S:pidtype:

?S: This variable defines PIDTYPE to be something like pid\_t, int,

?S: ushort, or whatever type is used to declare process ids in the kernel.

?S:.

?C:Pid\_t (PIDTYPE):

?C: This symbol holds the type used to declare process ids in the kernel.

?C: It can be int, uint, pid\_t, etc... It may be necessary to include

?C: <sys/types.h> to get any typedef'ed information.

?C:.

?H:#define Pid\_t \$pidtype /\* PID type \*/

?H:.

: see what type pids are declared as in the kernel

set pid\_t pidtype int stdio.h sys/types.h

eval \$typedef

dflt="\$pidtype"

echo " "

rp="What type are process ids on this system declared as?"

./myread

pidtype="\$ans"

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/pidtype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_xdrs.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS:

?RCS: \$Log: d\_xdrs.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:04 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d\_xdrs: cat Csym Setvar

?MAKE: -pick add \$@ %<

?S:d\_xdrs:

?S: This symbol conditionally defines HAS\_XDRS which indicates to the C

?S: program that XDR serialization routines are available.

?S:.

?C:HAS\_XDRS (XDRS):

?C: This symbol if defined indicates to the C program that the XDR

?C: serialization routines are available to transfer data accross

?C: various architectures.

?C:.

?H:#\$d\_xdrs HAS\_XDRS /\*\*/

?H:.

?LINT:set d\_xdrs

: see if XDR is available

echo " "

if set xdr\_int val -f d\_xdrs; eval \$csym; \$val; then

echo "Ahh! You have XDR routines for network communications." >&4

val="\$define"

else

\$cat >&4 <<EOM

Sigh! You do not have XDR routines -- Network communications may be hazardous.

EOM

val="\$undef"

fi

set d\_xdrs

eval \$setvar



Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_xdrs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_wctomb.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d\_wctomb.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:20:43 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d\_wctomb: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_wctomb:

?S: This variable conditionally defines the HAS\_WCTOMB symbol, which

?S: indicates to the C program that the wctomb() routine is available

?S: to convert a wide character to a multibyte.

?S:.

?C:HAS\_WCTOMB (WCTOMB):

?C: This symbol, if defined, indicates that the wctomb routine is available

?C: to convert a wide character to a multibyte.

?C:.

?H:#\$d\_wctomb HAS\_WCTOMB /\*\*/

?H:.

?LINT:set d\_wctomb

: see if wctomb exists

set wctomb d\_wctomb

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_wctomb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_dlerror.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_dlerror.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 13:52:49 ram
?RCS: patch56: force compile-link test since symbol might lie in crt0.o (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:11:23 ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_dlerror: Inlibc runnm
?MAKE: -pick add $@ %<
?S:d_dlerror:
?S: This variable conditionally defines the HAS_DLERROR symbol, which
?S: indicates to the C program that the dlerror() routine is available.
?S:.
?C:HAS_DLERROR :
?C: This symbol, if defined, indicates that the dlerror routine is
?C: available to return a string describing the last error that
?C: occurred from a call to dlopen(), dlclose() or dlsym().
?C:.
?H:#$d_dlerror HAS_DLERROR /**/
?H:.
?T: xxx_runnm
?LINT:set d_dlerror
?X: We don't permanently change runnm, but we do temporarily.
?LINT: change runnm
: see if dlerror exists
?X: On NetBSD and FreeBSD, dlerror might be available, but it is in
?X: /usr/lib/crt0.o, not in any of the libraries. Therefore, do not
?X: use the nm extraction, but use a real compile and link test instead.
xxx_runnm="$runnm"
runnm=false
set dlerror d_dlerror
eval $inlibc
runnm="$xxx_runnm"

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dlerror.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:perladmin: cf_email Oldconfig Myread cat
?MAKE: -pick add $@ %<
?Y:TOP
?S:perladmin:
?S: Electronic mail address of the perl5 administrator.
?S:.
: Ask e-mail of administrator
$cat <<EOM
```

If you or somebody else will be maintaining perl at your site, please fill in the correct e-mail address here so that they may be contacted if necessary. Currently, the "perlbug" program included with perl will send mail to this address in addition to perlbug@perl.org. You may enter "none" for no administrator.

```
EOM
case "$perladmin" in
") dflt="$cf_email";;
*) dflt="$perladmin";;
esac
rp='Perl administrator e-mail address'
. ./myread
perladmin="$ans"
```

```
Found in path(s):
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perladmin.U
No license file was found, but licenses were detected in source scan.
```

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: selecttype.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 16:20:09 ram
```

?RCS: patch61: always include <sys/select.h> when available for test

?RCS:

?RCS: Revision 3.0.1.2 1995/07/25 14:14:06 ram

?RCS: patch56: removed harmful spaces in assignment

?RCS:

?RCS: Revision 3.0.1.1 1994/06/20 07:06:31 ram

?RCS: patch30: created by ADO

?RCS:

?MAKE:selecttype: cat +cc +ccflags rm Oldconfig Myread \  
d\_fd\_set d\_select d\_socket i\_systime i\_sysselect

?MAKE: -pick add \$@ %<

?S:selecttype:

?S: This variable holds the type used for the 2nd, 3rd, and 4th

?S: arguments to select. Usually, this is 'fd\_set \*', if HAS\_FD\_SET

?S: is defined, and 'int \*' otherwise. This is only useful if you

?S: have select(), naturally.

?S:.

?C:Select\_fd\_set\_t:

?C: This symbol holds the type used for the 2nd, 3rd, and 4th

?C: arguments to select. Usually, this is 'fd\_set \*', if HAS\_FD\_SET

?C: is defined, and 'int \*' otherwise. This is only useful if you

?C: have select(), of course.

?C:.

?H:#define Select\_fd\_set\_t \$selecttype /\*\*/

?H:.

?T:xxx yyy

: check for type of arguments to select. This will only really

: work if the system supports prototypes and provides one for

: select.

case "\$d\_select" in

\$define)

: Make initial guess

case "\$selecttype" in

"|" )

case "\$d\_fd\_set" in

\$define) xxx='fd\_set \*' ;;

\*) xxx='int \*' ;;

esac

;;

\*) xxx="\$selecttype"

;;

esac

: backup guess

case "\$xxx" in

'fd\_set \*') yyy='int \*' ;;

'int \*') yyy='fd\_set \*' ;;

esac

```
$cat <<EOM
```

Checking to see what type of arguments are expected by select().

```
EOM
```

```
$cat >try.c <<EOCP
```

```
#$i_systime I_SYS_TIME
```

```
#$i_sysselect I_SYS_SELECT
```

```
#$d_socket HAS_SOCKET
```

```
#include <sys/types.h>
```

```
#ifdef HAS_SOCKET
```

```
#include <sys/socket.h> /* Might include <sys/bsdtypes.h> */
```

```
#endif
```

```
#ifdef I_SYS_TIME
```

```
#include <sys/time.h>
```

```
#endif
```

```
#ifdef I_SYS_SELECT
```

```
#include <sys/select.h>
```

```
#endif
```

```
int main()
```

```
{
```

```
int width;
```

```
Select_fd_set_t readfds;
```

```
Select_fd_set_t writefds;
```

```
Select_fd_set_t exceptfds;
```

```
struct timeval timeout;
```

```
select(width, readfds, writefds, exceptfds, &timeout);
```

```
exit(0);
```

```
}
```

```
EOCP
```

```
if $cc $ccflags -c -DSelect_fd_set_t="$xxx" try.c >/dev/null 2>&1 ; then
```

```
selecttype="$xxx"
```

```
echo "Your system uses $xxx for the arguments to select." >&4
```

```
elif $cc $ccflags -c -DSelect_fd_set_t="$yyy" try.c >/dev/null 2>&1 ; then
```

```
selecttype="$yyy"
```

```
echo "Your system uses $yyy for the arguments to select." >&4
```

```
else
```

```
rp='What is the type for the 2nd, 3rd, and 4th arguments to select?'
```

```
dflt="$xxx"
```

```
./myread
```

```
selecttype="$ans"
```

```
fi
```

```
$rm -f try.[co]
```

```
::
```

```
*) selecttype='int *'
```

```
::
```

```
esac
```

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/selecttype.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2016 Dagfinn Ilmari Mannsker & H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?X:

?X: This unit produces a variable that is intended to be eval'ed in

?X: order to define/undefine a symbol. A consistency check is made

?X: regarding any previous value and a warning is issued if there

?X: is any discrepancy.

?X:

?X: To use it, say:

?X: set d\_siginfo\_si\_errno siginfo\_t int si\_errno \$d\_sigaction signal.h

?X: eval \$hasfield\_t;

?X:

?MAKE:Hasfield\_t: test Compile rm\_try Setvar

?MAKE: -pick add \$@ %<

?LINT:define hasfield\_t

?S:hasfield\_t:

?S: Internal macro for Configure

?S:.

?V:hasfield\_t:

?T:varname struct type field

: Define hasfield\_t macro for Configure internal use

hasfield\_t='varname=\$1; struct=\$2; type=\$3; field=\$4; shift; shift; shift; shift;

while \$test \$# -ge 2; do

  case "\$1" in

    \$define) echo "#include <\$2>";;

  esac ;

  shift 2;

done > try.c;

echo "int main () { \$struct foo; \$type bar = foo.\$field; }" >> try.c;

set try;

if eval \$compile; then

  val="\$define";

else

  val="\$undef";

fi;

set \$varname;

eval \$setvar;

\$rm\_try'

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/Hasfield\_t.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: packadmin.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:packadmin: cf_email Oldconfig Myread cat spackage package
?MAKE: -pick add $@ %<
?Y:TOP
?S:packadmin:
?S: Electronic mail address of the package administrator.
?S:.
: check wehther they will act as local admin for the package
$cat <<EOM
```

If you or somebody else will be maintaining \$package at your site, please fill in the correct e-mail address here so that they may be contacted if necessary. You may enter "none" for no administrator.

EOM

```
case "$packadmin" in
") dflt="$cf_email";;
*) dflt="$packadmin";;
esac
rp="$spackage administrator e-mail address"
./myread
packadmin="$ans"
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/packadmin.U
No license file was found, but licenses were detected in source scan.
```

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
```

?MAKE:d\_strtoq: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_strtoq:  
?S: This variable conditionally defines the HAS\_STRTOQ symbol, which  
?S: indicates to the C program that the strtouq() routine is available.  
?S:.  
?C:HAS\_STRTOQ:  
?C: This symbol, if defined, indicates that the strtouq routine is  
?C: available to convert strings to long longs (quads).  
?C:.  
?H:#\$d\_strtoq HAS\_STRTOQ /\*\*/  
?H:.  
?LINT:set d\_strtoq  
: see if strtouq exists  
set strtouq d\_strtoq  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_strtoq.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: libs.U,v 3.0.1.6 1997/02/28 16:09:11 ram Exp \$  
?RCS:  
?RCS: Copyright (c) 1991-1993, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: libs.U,v \$  
?RCS: Revision 3.0.1.6 1997/02/28 16:09:11 ram  
?RCS: patch61: replaced .a with \$\_a all over the place  
?RCS:  
?RCS: Revision 3.0.1.5 1995/07/25 14:12:05 ram  
?RCS: patch56: now knows about OS/2 platforms  
?RCS:  
?RCS: Revision 3.0.1.4 1994/10/29 16:24:22 ram  
?RCS: patch36: removed old broken thislib/thatlib processing (ADO)  
?RCS:  
?RCS: Revision 3.0.1.3 1994/06/20 07:05:44 ram  
?RCS: patch30: code cleanup with if/elif by ADO and RAM  
?RCS: patch30: undone patch23 for libswanted default setting  
?RCS:  
?RCS: Revision 3.0.1.2 1994/05/06 15:08:45 ram  
?RCS: patch23: now includes ordered default libswanted variable (ADO)



?RCS: patch23: major cleanup for library lookups (ADO)  
?RCS:  
?RCS: Revision 3.0.1.1 1993/08/25 14:02:31 ram  
?RCS: patch6: added default for libs  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:09:03 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:libs ignore\_versioned\_solibs libsfound libsfiles libsdirs libspath: \  
test cat Myread Oldconfig Loc libpth package xlibpth so \_a \  
usesocks sed uselongdouble usequadmath  
?MAKE: -pick add \$@ %<  
?S:libs:  
?S: This variable holds the additional libraries we want to use.  
?S: It is up to the Makefile to deal with it. The list can be empty.  
?S:.  
?S:libsfound:  
?S: This variable holds the full pathnames of the libraries  
?S: we found and accepted.  
?S:.  
?S:libsfiles:  
?S: This variable holds the filenames aka basenames of the libraries  
?S: we found and accepted.  
?S:.  
?S:libsdirs:  
?S: This variable holds the directory names aka dirnames of the libraries  
?S: we found and accepted, duplicates are removed.  
?S:.  
?S:libspath:  
?S: This variable holds the directory names probed for libraries.  
?S:.  
?S:ignore\_versioned\_solibs:  
?S: This variable should be non-empty if non-versioned shared  
?S: libraries (libfoo.so.x.y) are to be ignored (because they  
?S: cannot be linked against).  
?S:.  
?T:xxx yyy thislib thisdir libswanted libstyle  
?D:libs="  
?X:  
?X: This order is chosen so that libraries -lndir, -ldir, -lucb, -lbsd,  
?X: -lBSD, -lPW, and -lx only get used if there are unresolved  
?X: routines at link time. Usually, these are backwards compatibility  
?X: libraries, and may not be as reliable as the standard c library.  
?X:  
?X: The -lsocket -linet -lnsl order has been reported to be necessary  
?X: for at least one SVR4 implementation.  
?X: -lc must proceed -lucb or -lbsd for most Solaris applications.  
?X: -lc\_s proceeds -lc so we pick up the shared library version, if

?X: it is available.

?X:

?X: The ordering of c, posix, and cposix is a guess and almost

?X: certainly wrong on about half of all systems.

?X:

?X: Set proper libswanted in your private Myinit.U if needed.

?X:

?X:: default ordered library list

?X:libswanted='net socket inet bind nsl nm sdbm gdbm ndbm dbm malloc dl'

?X:libswanted="\$libswanted dld sun m c\_s c posix cposix ndir dir ucb"

?X:libswanted="\$libswanted bsd BSD PW x"

?X:

?INIT:: default library list

?INIT:libswanted="

?INIT:: some systems want to use only the non-versioned libso:s

?INIT:ignore\_versioned\_solibs="

?LINT:extern usecbacktrace

?LINT:extern libscheck

?LINT:extern p

?LINT:use uselongdouble

: Looking for optional libraries

echo " "

echo "Checking for optional libraries..." >&4

case "\$libs" in

'|') dflt="";;

\*) dflt="\$libs";;

esac

case "\$libswanted" in

") libswanted='c\_s';;

esac

?X: libsocks has nasty naming scheme.

?X: This does not work if somebody wants SOCKS 4.

case "\$susesocks" in

"\$define") libswanted="\$libswanted socks5 socks5\_sh" ;;

esac

case "\$usecbacktrace" in

"\$define") libswanted="\$libswanted bfd" ;;

esac

case "\$usequadmath" in

"\$define") libswanted="\$libswanted quadmath" ;;

esac

libsfound="

libsfiles="

libsdirs="

libspath="

for thisdir in \$libpth \$xlibpth; do

test -d \$thisdir && libspath="\$libspath \$thisdir"

done

```

for thislib in $libswanted; do
for thisdir in $libspath; do
    xxx=""
    if test ! -f "$xxx" -a "X$ignore_versioned_solibs" = "X"; then
xxx=`ls $thisdir/lib$thislib.$so.[0-9] 2>/dev/null|sed -n '$p`
        $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=shared
xxx=`ls $thisdir/lib$thislib.[0-9].$so 2>/dev/null|sed -n '$p`
        $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=shared
    fi
    if test ! -f "$xxx"; then
xxx=$thisdir/lib$thislib.$so
        $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=shared
    fi
    if test ! -f "$xxx"; then
xxx=$thisdir/lib$thislib$_a
        $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=static
    fi
    if test ! -f "$xxx"; then
xxx=$thisdir/$thislib$_a
        $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=static
    fi
    if test ! -f "$xxx"; then
xxx=$thisdir/lib${thislib}_s$_a
        $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=static
$test -f "$xxx" && thislib=${thislib}_s
    fi
    if test ! -f "$xxx"; then
xxx=$thisdir/Slib$thislib$_a
        $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=static
    fi
    if $test -f "$xxx"; then
case "$libstyle" in
shared) echo "Found -l$thislib (shared).";;
static) echo "Found -l$thislib.";;
*) echo "Found -l$thislib ($libstyle).";;
esac
case " $dflt " in
*"-l$thislib "*);;
*) dflt="$dflt -l$thislib"
        libsfound="$libsfound $xxx"
        yyy=`basename $xxx`

```

```

        libsfiles="$libsfiles $yyy"
        yyy=`echo $xxx|sed -e "s%/$yyy\\\$%%"`
        case " $libsdirs " in
        *" $yyy ") ;;
        *) libsdirs="$libsdirs $yyy" ;;
        esac

        ;;
    esac
break
fi
done
if $test ! -f "$xxx"; then
    echo "No -l$thislib."
fi
done
set X $dflt
shift
dflt="$*"
case "$libs" in
") dflt="$dflt";;
*) dflt="$libs";;
esac
case "$dflt" in
'|') dflt='none';;
esac

$cat <<EOM

```

In order to compile \$package on your machine, a number of libraries are usually needed. Include any other special libraries here as well. Say "none" for none. The default list is almost always right.  
EOM

```

echo " "
rp="What libraries to use?"
./myread
case "$ans" in
none) libs='';;
*) libs="$ans";;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/libs.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_poll.U 15 2006-08-30 18:21:51Z rmanfredi $
```

```
?RCS:
```

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_poll.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:38:17 ram
?RCS: patch61: mention that <poll.h> can be included if HAS_POLL defined
?RCS:
?RCS: Revision 3.0.1.1 1995/01/11 15:26:31 ram
?RCS: patch45: created
?RCS:
?MAKE:d_poll: Inlibc
?MAKE: -pick add $@ %<
?S:d_poll:
?S: This variable conditionally defines the HAS_POLL symbol, which
?S: indicates to the C program that the poll() routine is available
?S: to poll active file descriptors.
?S:.
?C:HAS_POLL :
?C: This symbol, if defined, indicates that the poll routine is
?C: available to poll active file descriptors. Please check I_POLL and
?C: I_SYS_POLL to know which header should be included as well.
?C:.
?H:#$d_poll HAS_POLL /**/
?H:.
?LINT:set d_poll
: see if poll exists
set poll d_poll
eval $inlibc

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_poll.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Setvar.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

```

?RCS:  
 ?RCS: \$Log: Setvar.U,v \$  
 ?RCS: Revision 3.0.1.1 1994/10/29 15:58:28 ram  
 ?RCS: patch36: call ./whoa explicitly instead of relying on PATH  
 ?RCS:  
 ?RCS: Revision 3.0 1993/08/18 12:05:16 ram  
 ?RCS: Baseline for dist 3.0 netwide release.  
 ?RCS:  
 ?X:  
 ?X: This unit produces a variable that is intended to be eval'ed in  
 ?X: order to define/undefine a symbol. A consistency check is made  
 ?X: regarding any previous value and a warning is issued if there  
 ?X: is any discrepancy.  
 ?X:  
 ?X: To use it, say:  
 ?X: val=<value>  
 ?X: set d\_variable  
 ?X: eval \$setvar  
 ?X:  
 ?MAKE:Setvar: Whoa  
 ?MAKE: -pick add \$@ %<  
 ?LINT:define setvar  
 ?S:setvar:  
 ?S: This shell variable is used internally by Configure to set a value  
 ?S: to a given symbol that is defined or not. A typical use is:  
 ?S: val=<value computed>  
 ?S: set d\_variable  
 ?S: eval \$setvar  
 ?S: That will print a message in case the \$val value is not the same  
 ?S: as the previous value of \$d\_variable.  
 ?S:.  
 ?V:setvar:val  
 ?T:var was td tu  
 : function used to set '\$1' to '\$val'  
 setvar='var=\$1; eval "was=\\$1"; td=\$define; tu=\$undef;  
 case "\$val\$was" in  
 \$define\$undef) ./whoa; eval "\$var=\\$td";;  
 \$undef\$define) ./whoa; eval "\$var=\\$tu";;  
 \*) eval "\$var=\$val";;  
 esac'

Found in path(s):  
 \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Setvar.U  
 No license file was found, but licenses were detected in source scan.

?RCS: You may redistribute only under the terms of the Artistic License,

Found in path(s):

- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_sgndchr.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_wcsxfrm.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/gccvers.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_const.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidsign.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_scannl.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_c99\_variadic.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/fpossize.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/gccvers.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidsign.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_inttypes.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_strtoul.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_vprintf.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/alignbytes.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_casti32.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/sizesize.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/fpu.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_sigaction.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/selectminbits.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_sgndchr.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_getpagsz.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/intsize.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ssizetype.U
- \* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/startperl.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/floatsize.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_sigaction.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/floatsize.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_getpgrp.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_dir\_dd\_fd.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_scannl.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_mmap.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Checkcc.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_sanemcmp.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_gai\_strerror.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/charsize.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/abortsig.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_eofpipe.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/nullified/fpu.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/doublesize.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_access.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_isblank.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_eofpipe.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/randbits.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/need\_va\_copy.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidsize.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sbrksmart.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/ptrsize.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-



5.30.0/dist/U/i\_neterrno.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d\_volatile.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_socklen\_t.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_lc\_monetary\_2008.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/ssizetype.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_casti32.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/sbrksmart.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sunscanf.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_dirfd.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_open3.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_snprintf.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_isascii.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/st\_ino\_def.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ebcdic.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_access.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_builtin.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_wcscmp.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/sockopt.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_int64\_t.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/sunscanf.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_open3.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i\_neterrno.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_ldbl\_dig.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ptrsize.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/d\_isascii.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/alignbytes.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidsize.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/doublesize.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_attribut.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sockopt.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/byteorder.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_strctcpy.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_u32align.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/abortsig.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_keepsig.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i\_malloc.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/stdio\_streams.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_keepsig.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/bitpbyte.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/bitpbyte.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/charsize.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d\_sanemcmp.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_volatile.U  
\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_getpgrp.U  
No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Oldconfig.U,v 3.0.1.10 1997/02/28 15:06:39 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: Oldconfig.U,v \$  
?RCS: Revision 3.0.1.10 1997/02/28 15:06:39 ram  
?RCS: patch61: added support for src.U  
?RCS: patch61: new OSNAME define  
?RCS: patch61: can now sense new OSes  
?RCS:  
?RCS: Revision 3.0.1.9 1995/07/25 13:40:51 ram  
?RCS: patch56: now knows about OS/2 platforms  
?RCS:  
?RCS: Revision 3.0.1.8 1995/05/12 12:04:18 ram  
?RCS: patch54: config.sh reload logic now knows about new -K switch  
?RCS: patch54: cleaned up and extended osvers for DEC OSF/1 (ADO)  
?RCS: patch54: added MachTen detection (ADO)  
?RCS:  
?RCS: Revision 3.0.1.7 1995/02/15 14:13:41 ram  
?RCS: patch51: adapted osvers computation for AIX (ADO)  
?RCS:  
?RCS: Revision 3.0.1.6 1995/01/30 14:27:15 ram  
?RCS: patch49: unit Options.U now exports file optdef.sh, not a variable  
?RCS: patch49: update code for myuname changed (WED)  
?RCS:  
?RCS: Revision 3.0.1.5 1995/01/11 15:15:36 ram  
?RCS: patch45: added quotes around the INITPROG variable (ADO)  
?RCS: patch45: allows variable overriding after config file loading  
?RCS:  
?RCS: Revision 3.0.1.4 1994/10/29 15:57:05 ram  
?RCS: patch36: added ?F: line for metalint file checking  
?RCS: patch36: merged with the version used for perl5's Configure (ADO)  
?RCS:  
?RCS: Revision 3.0.1.3 1994/05/06 14:24:17 ram  
?RCS: patch23: added support for osf1 hints  
?RCS: patch23: new support for solaris and i386 systems (ADO)  
?RCS:  
?RCS: Revision 3.0.1.2 1994/01/24 14:05:02 ram  
?RCS: patch16: added post-processing on myuname for Xenix targets  
?RCS: patch16: message proposing config.sh defaults made consistent  
?RCS:  
?RCS: Revision 3.0.1.1 1993/09/13 15:56:32 ram  
?RCS: patch10: force use of config.sh when -d option is used (WAD)  
?RCS: patch10: complain about non-existent hint files (WAD)  
?RCS: patch10: added Options dependency for fastread variable  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:12 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:

?X:  
 ?X: This unit tries to remember what we did last time we ran Configure, mostly  
 ?X: for the sake of setting defaults.  
 ?X:  
 ?MAKE:Oldconfig hint myuname osname osvers: Instruct Myread uname \  
 Checkcc Mksymlinks run \  
 sh awk sed test cat rm ln s tr n c contains Loc Options Tr src trnl ln  
 ?MAKE: -pick wipe \$@ %<  
 ?S:myuname:  
 ?S: The output of 'uname -a' if available, otherwise the hostname.  
 ?S: The whole thing is then lower-cased and slashes and single quotes are  
 ?S: removed.  
 ?S:.  
 ?S:hint:  
 ?S: Gives the type of hints used for previous answers. May be one of  
 ?S: "default", "recommended" or "previous".  
 ?S:.  
 ?S:osname:  
 ?S: This variable contains the operating system name (e.g. sunos,  
 ?S: solaris, hpux, etc.). It can be useful later on for setting  
 ?S: defaults. Any spaces are replaced with underscores. It is set  
 ?S: to a null string if we can't figure it out.  
 ?S:.  
 ?S:osvers:  
 ?S: This variable contains the operating system version (e.g.  
 ?S: 4.1.3, 5.2, etc.). It is primarily used for helping select  
 ?S: an appropriate hints file, but might be useful elsewhere for  
 ?S: setting defaults. It is set to " if we can't figure it out.  
 ?S: We try to be flexible about how much of the version number  
 ?S: to keep, e.g. if 4.1.1, 4.1.2, and 4.1.3 are essentially the  
 ?S: same for this package, hints files might just be os\_4.0 or  
 ?S: os\_4.1, etc., not keeping separate files for each little release.  
 ?S:.  
 ?C:OSNAME:  
 ?C: This symbol contains the name of the operating system, as determined  
 ?C: by Configure. You shouldn't rely on it too much; the specific  
 ?C: feature tests from Configure are generally more reliable.  
 ?C:.  
 ?C:OSVERS:  
 ?C: This symbol contains the version of the operating system, as determined  
 ?C: by Configure. You shouldn't rely on it too much; the specific  
 ?C: feature tests from Configure are generally more reliable.  
 ?C:.  
 ?H:#define OSNAME "\$osname" /\*\*/  
 ?H:#define OSVERS "\$osvers" /\*\*/  
 ?H:.  
 ?F:!config.sh  
 ?T:tmp tmp\_n tmp\_c tmp\_sh file

```

?T:xxxxfile xxxfile xxfile xfile hintfile newmyuname
?T:tans _ isesix INITPROG DJGPP
?D:osname="
?LINT:change n c sh
?LINT:extern targetarch
?LINT:extern hostarch
?LINT:change hostarch
?LINT:extern is_os2
: Try to determine whether config.sh was made on this system
case "$config_sh" in
")
?X: indentation wrong on purpose--RAM
?X: Leave a white space between first two '(' for ksh. The sub-shell is needed
?X: on some machines to avoid the error message when uname is not found; e.g.
?X: old SUN-OS 3.2 would not execute hostname in (uname -a || hostname). Sigh!
?X: Now not using a subshell but instead $test.
myuname=`$uname -a 2>/dev/null`
$test -z "$myuname" && myuname=`hostname 2>/dev/null`
# Downcase everything to avoid ambiguity.
# Remove slashes and single quotes so we can use parts of this in
# directory and file names.
# Remove newlines so myuname is sane to use elsewhere.
# tr '[A-Z]' '[a-z]' would not work in EBCDIC
# because the A-Z/a-z are not consecutive.
myuname=`echo $myuname | $sed -e "s,[/],g" | \
./tr '[A-Z]' '[a-z]' | $tr $trnl ' `
?X: Save the value we just computed to reset myuname after we get done here.
newmyuname="$myuname"
dflt=n
case "$knowitall" in
")
if test -f ../config.sh; then
if $contains myuname= ../config.sh >/dev/null 2>&1; then
eval "`grep myuname= ../config.sh`"
fi
if test "X$myuname" = "X$newmyuname"; then
dflt=y
fi
fi
;;
*) dflt=y;;
esac

@if {test -d ../hints}
: Get old answers from old config file if Configure was run on the
: same system, otherwise use the hints.
hint=default
cd ..

```

```

?X: Since we are now at the root of the source tree, we must use $src
?X: to access the sources and not $rsrc. See src.U for details...
if test -f config.sh; then
echo " "
rp="I see a config.sh file. Shall I use it to set the defaults?"
. UU/myread
case "$ans" in
n*|N*) echo "OK, I'll ignore it."
mv config.sh config.sh.old
myuname="$newmyuname"
;;
*) echo "Fetching default answers from your old config.sh file..." >&4
tmp_n="$n"
tmp_c="$c"
tmp_sh="$sh"
. ./config.sh
cp config.sh UU
n="$tmp_n"
c="$tmp_c"
: Older versions did not always set $sh. Catch re-use of such
: an old config.sh.
case "$sh" in
") sh="$tmp_sh" ;;
esac
hint=previous
;;
esac
fi
. ./UU/checkcc
if test ! -f config.sh; then
$cat <<EOM

```

First time through, eh? I have some defaults handy for some systems that need some extra help getting the Configure answers right:

EOM

```

(cd $src/hints; ls -C *.sh) | $sed 's/\./ /g' >&4
dflt="
: Half the following guesses are probably wrong... If you have better
: tests or hints, please send them to <MAINTLOC>
: The metaconfig authors would also appreciate a copy...
$test -f /irix && osname=irix
$test -f /xenix && osname=sco_xenix
$test -f /dynix && osname=dynix
$test -f /dnix && osname=dnix
$test -f /lynx.os && osname=lynxos
$test -f /unicos && osname=unicos && osvers=`$uname -r`
$test -f /unicosmk && osname=unicosmk && osvers=`$uname -r`

```

```

$test -f /unicosmk.ar && osname=unicosmk && osvers=`$uname -r`
$test -f /bin/mips && /bin/mips && osname=mips
$test -d /usr/apollo/bin && osname=apollo
$test -f /etc/saf/_sactab && osname=svr4
$test -d /usr/include/minix && osname=minix && osvers=`$uname -r`
$test -f /system/gnu_library/bin/ar.pm && osname=vos
$test -f /sys/utilities/MultiView && osname=amigaos
if $test -d /MachTen -o -d /MachTen_Folder; then
?X: MachTen uname -a output looks like
?X: xxx 4 0.0 Macintosh
?X: MachTen /sbin/version output looks like
?X: MachTen 4.0 Mon Aug 28 10:18:00 1995
?X: MachTen 3.x had the 'version' command in /usr/etc/version.
    osname=machten
    if $test -x /sbin/version; then
        osvers=`/sbin/version | $awk '{print $2}' |
        $sed -e 's/[A-Za-z]$//`
    elif $test -x /usr/etc/version; then
        osvers=`/usr/etc/version | $awk '{print $2}' |
        $sed -e 's/[A-Za-z]$//`
    else
        osvers="$2.$3"
    fi
fi

$test -f /sys/posix.dll &&
$test -f /usr/bin/what &&
set X `/usr/bin/what /sys/posix.dll` &&
$test "$3" = UWIN &&
osname=uwin &&
osvers="$5"

?X: If we have uname, we already computed a suitable uname -a output,
?X: and it lies in $myuname.
if $test -f $uname; then
    set X $myuname
    shift

    case "$5" in
    fps*) osname=fps ;;
    mips*)
        case "$4" in
        umips) osname=umips ;;
        *) osname=mips ;;
        esac;;
    [23]100) osname=mips ;;
?X: Interactive Unix.
i386*)

```

```

tmp=`/bin/uname -X 2>/dev/null|awk '/3\.2v[45]/{ print $(NF) }`
if $test "$tmp" != "" -a "$3" = "3.2" -a -f /etc/systemid; then
    osname='sco'
    osvers=$tmp
elif $test -f /etc/kconfig; then
    osname=isc
if test "$lns" = "$ln -s"; then
    osvers=4
elif $contains _SYSV3 /usr/include/stdio.h > /dev/null 2>&1 ; then
    osvers=3
elif $contains _POSIX_SOURCE /usr/include/stdio.h > /dev/null 2>&1 ; then
    osvers=2
fi
fi
tmp=""
;;

```

?X: MS-DOS djgpp uname -a output looks like:

?X: ms-dos xxx 6 22 pc

?X: \$1 is the "dos flavor" (need not be "ms-dos").

?X: \$2 is the node name

?X: \$3 and \$4 are version/subversion

?X: \$5 is always "pc", but that might not be unique to DJGPP.

?X: (e.g. Solaris\_x86 has \$5 = i86pc, which doesn't actually conflict,

?X: but it's close enough that I can easily imagine other vendors also

?X: using variants of pc\* in \$5.)

?X: The "DJGPP" environment variable is always set when djgpp is active.

pc\*)

```

if test -n "$DJGPP"; then

```

```

    osname=dos

```

```

    osvers=djgpp

```

```

fi

```

```

;;

```

```

esac

```

```

case "$1" in

```

```

    aix) osname=aix

```

?X: aix 4.1 uname -a output looks like

?X: AIX foo 1 4 000123456789

?X: where \$4 is the major release number and \$3 is the (minor) version.

?X: More detail on the version is available with the oslevel command.

?X: in 3.2.x, it output a string (see case statements below). In 4.1,

?X: it puts out something like 4.1.1.0

```

    tmp=`( oslevel) 2>/dev/null || echo "not found") 2>&1`

```

```

    case "$tmp" in

```

```

        # oslevel can fail with:

```

```

        # oslevel: Unable to acquire lock.

```

```

        *not\ found) osvers="$4"."$3" ;;

```

```

        '<3240|'\>3240) osvers=3.2.0 ;;

```



```

'=3240'|>3240'|<3250'|<>3250') osvers=3.2.4 ;;
'=3250'|>3250') osvers=3.2.5 ;;
*) osvers=$tmp;;
esac
;;
bitrig) osname=bitrig
osvers="$3"
;;
bsd386) osname=bsd386
osvers=`$uname -r`
;;
cygwin*) osname=cygwin
osvers="$3"
;;
*dc.osx) osname=dcosx
osvers="$3"
;;
dnix) osname=dnix
osvers="$3"
;;
domainos) osname=apollo
osvers="$3"
;;
dgux) osname=dgux
osvers="$3"
;;
dragonfly) osname=dragonfly
osvers="$3"
;;
?X: uname -a returns
?X: DYNIX/ptx xxx 4.0 V4.1.2 i386
dynixptx*) osname=dynixptx
osvers=`echo "$4"|sed 's/^v//'^`
;;
freebsd) osname=freebsd
osvers="$3" ;;
genix) osname=genix ;;
?X: GNU/Hurd uname -a gives something like:
?X: GNU foo 0.3 GNU-Mach 1.4/Hurd-0.3 i386-AT386 GNU
?X: GNU gnu 0.3 GNUmach-1.2/Hurd-0.3 i386-AT386 GNU
?X: Note the hostname on the second one, which will fool Configure
?X: into using the SysV case!
gnu) osname=gnu
osvers="$3" ;;
?X: HP-UX uname -a gives something like
?X: HP-UX foobar B.10.20 A 9000/735 2016483812 two-user license
?X: Preserve the full 10.20 string instead of the previous plain '10'.
?X: Thanks to Graham Barr. --AD 6/30/1998

```

```

hp*) osname=hpx
osvers=`echo "$3" | $sed 's,.*\.[0-9]*\.[0-9]*\),\1,'`
;;
irix*) osname=irix
case "$3" in
4*) osvers=4 ;;
5*) osvers=5 ;;
*) osvers="$3" ;;
esac
;;
linux) osname=linux
case "$3" in
*) osvers="$3" ;;
esac
$test -f /system/lib/libandroid.so && osname=linux-android
;;
MiNT) osname=mint
;;
minix) osname=minix
osvers=`$uname -r`
;;
netbsd*) osname=netbsd
osvers="$3"
;;
news-os) osvers="$3"
case "$3" in
4*) osname=newsos4 ;;
*) osname=newsos ;;
esac
;;
nonstop-ux) osname=nonstopux ;;
openbsd) osname=openbsd
osvers="$3"
;;
os2) osname=os2
osvers="$4"
;;
POSIX-BC | posix-bc ) osname=posix-bc
osvers="$3"
;;
powerux | power_ux | powermax_os | powermaxos | \
powerunix | power_unix) osname=powerux
osvers="$3"
;;
qnx) osname=qnx
osvers="$4"
;;
solaris) osname=solaris

```

```

case "$3" in
5*) osvers=`echo $3 | $sed 's/^5/2/g` ;;
*) osvers="$3" ;;
esac
;;
sunos) osname=sunos
case "$3" in
5*) osname=solaris
osvers=`echo $3 | $sed 's/^5/2/g` ;;
*) osvers="$3" ;;
esac
;;
titanos) osname=titanos
case "$3" in
1*) osvers=1 ;;
2*) osvers=2 ;;
3*) osvers=3 ;;
4*) osvers=4 ;;
*) osvers="$3" ;;
esac
;;
ultrix) osname=ultrix
osvers="$3"
;;
osf1|m1s+) case "$5" in
alpha)
?X: DEC OSF/1 myuname -a output looks like: osf1 xxxx t3.2 123.4 alpha
?X: where the version number can be something like [xvt]n.n
osname=dec_osf
?X: sizer knows the minor minor version: the letter
osvers=`sizer -v | awk -FUNIX '{print $2}' | awk '{print $1}' | tr '[A-Z]' '[a-z]' | sed 's/^[xvt]//'^
case "$osvers" in
[1-9].[0-9]*) ;;
*) osvers=`echo "$3" | sed 's/^[xvt]//'^ ;;
esac
;;
hp*) osname=hp_osf1 ;;
mips) osname=mips_osf1 ;;
?X: hp and mips were unsupported Technology Releases -- ADO, 24/10/94
esac
;;
# UnixWare 7.1.2 is known as Open UNIX 8
openunix|unixware) osname=svr5
osvers="$4"
;;
uts) osname=uts
osvers="$3"
;;

```

```

vos) osvers="$3"
;;
$2) case "$osname" in
*isc*) ;;
*freebsd*) ;;
svr*)
: svr4.x or possibly later
case "svr$3" in
${osname}*)
osname=svr$3
osvers=$4
;;
esac
case "$osname" in
svr4.0)
: Check for ESIX
if test -f /stand/boot ; then
eval `grep '^INITPROG=[a-z/0-9]*$' /stand/boot`
if test -n "$INITPROG" -a -f "$INITPROG"; then
isesix=`strings -a $INITPROG|grep 'ESIX SYSTEM V/386 Release 4.0`
if test -n "$isesix"; then
osname=esix4
fi
fi
fi
;;
esac
;;
*) if test -f /etc/systemid; then
osname=sco
set `echo $3 | $sed 's/\./ /g` $4
if $test -f $src/hints/sco_$1_$2_$3.sh; then
osvers=$1.$2.$3
elif $test -f $src/hints/sco_$1_$2.sh; then
osvers=$1.$2
elif $test -f $src/hints/sco_$1.sh; then
osvers=$1
fi
else
case "$osname" in
") : Still unknown. Probably a generic Sys V.
osname="sysv"
osvers="$3"
;;
esac
fi
;;
esac

```

```

;;
*) case "$osname" in
") : Still unknown. Probably a generic BSD.
osname="$1"
osvers="$3"
;;
esac
;;
esac
else
?X: Try to identify sony's NEWS-OS (BSD unix)
if test -f /vmunix -a -f $src/hints/news_os.sh; then
(what /vmunix | UU/tr '[A-Z]' '[a-z]') > UU/kernel.what 2>&1
if $contains news-os UU/kernel.what >/dev/null 2>&1; then
osname=news_os
fi
$rm -f UU/kernel.what
?X: Maybe it's OS/2 or DOS or something similar
elif test -d c:/ -o -n "$is_os2" ; then
set X $myuname
osname=os2
osvers="$5"
fi
fi

case "$targetarch" in
") ;;
*) hostarch=$osname
case "$targetarch" in
nto*|*-nto-*)
# Will load qnx.sh, which should change osname to nto
osname=qnx
osvers="
;;
*linux-android*)
# Catch arm-linux-androideabi, mipsel-linux-android,
# and i686-linux-android
osname=linux-android
osvers="
;;
*linux*)
# Something like arm-linux-gnueabi is really just
# plain linux.
osname=linux
osvers="
;;
*solaris*|*sunos*)
osname=solaris

```

```

# XXX perhaps we should just assume
# osvers to be 2, or maybe take the value
# from targetarch. Using $run before the
# hints are run is somewhat icky.
set X ` $run $uname -a 2>/dev/null `
shift
case "$3" in
    5*) osvers=`echo $3 | $sed 's/^5/2/g'` ;;
    *) osvers="$3" ;;
esac
;;
*)
osname=`echo $targetarch|sed 's,^[^-]*-,`
osvers=""
;;
esac
;;
esac

```

: Now look for a hint file osname\_osvers, unless one has been  
: specified already.

```

case "$hintfile" in
    '| ')
file=`echo "${osname}_${osvers}" | $sed -e 's%\.\%_ \%g' -e 's%_ \%%'`
: Also try without trailing minor version numbers.
xfile=`echo $file | $sed -e 's%_ [^_]*$%%`
xxfile=`echo $xfile | $sed -e 's%_ [^_]*$%%`
xxxfile=`echo $xxfile | $sed -e 's%_ [^_]*$%%`
xxxxfile=`echo $xxxfile | $sed -e 's%_ [^_]*$%%`
case "$file" in
    ") dflt=none ;;
    *) case "$osvers" in
        ") dflt=$file
        ;;
        *) if $test -f $src/hints/$file.sh ; then
            dflt=$file
        elif $test -f $src/hints/$xfile.sh ; then
            dflt=$xfile
        elif $test -f $src/hints/$xxfile.sh ; then
            dflt=$xxfile
        elif $test -f $src/hints/$xxxfile.sh ; then
            dflt=$xxxfile
        elif $test -f $src/hints/$xxxxfile.sh ; then
            dflt=$xxxxfile
        elif $test -f "$src/hints/${osname}.sh" ; then
            dflt="${osname}"
        else
            dflt=none

```

```

fi
;;
esac
;;
esac
if $test -f Policy.sh ; then
  case "$dflt" in
    *Policy*) ;;
    none) dflt="Policy" ;;
    *) dflt="Policy $dflt" ;;
  esac
fi
;;
*)
dflt=`echo $hintfile | $sed 's/\.sh$/'^
;;
esac

```

```

if $test -f Policy.sh ; then

```

```

$cat <<EOM

```

There's also a Policy hint file available, which should make the site-specific (policy) questions easier to answer.

```

EOM

```

```

fi

```

```

$cat <<EOM

```

You may give one or more space-separated answers, or "none" if appropriate.

If you have a handcrafted Policy.sh file or a Policy.sh file generated by a previous run of Configure, you may specify it as well as or instead of OS-specific hints. If hints are provided for your OS, you should use them: although Perl can probably be built without hints on many platforms, using hints often improve performance and may enable features that Configure can't set up on its own. If there are no hints that match your OS, specify "none"; DO NOT give a wrong version or a wrong OS.

```

EOM

```

```

rp="Which of these apply, if any?"
. UU/myread
tans=$ans
for file in $tans; do
  if $test X$file = XPolicy -a -f Policy.sh; then
    . Policy.sh
    $cat Policy.sh >> UU/config.sh
  elif $test -f $src/hints/$file.sh; then

```

```

. $src/hints/$file.sh
Scat $src/hints/$file.sh >> UU/config.sh
elif $test X"$stans" = X -o X"$stans" = Xnone ; then
: nothing
else
: Give one chance to correct a possible typo.
echo "$file.sh does not exist"
dflt=$file
rp="hint to use instead?"
. UU/myread
for file in $ans; do
if $test -f "$src/hints/$file.sh"; then
. $src/hints/$file.sh
Scat $src/hints/$file.sh >> UU/config.sh
elif $test X$ans = X -o X$ans = Xnone ; then
: nothing
else
echo "$file.sh does not exist -- ignored."
fi
done
fi
done

hint=recommended
: Remember our hint file for later.
if $test -f "$src/hints/$file.sh" ; then
hintfile="$file"
else
hintfile=""
fi
fi
cd UU
?X: From here on, we must use $src instead of $src
@else
: Get old answers, if there is a config file out there
hint=default
hintfile=""
if test -f ../config.sh; then
echo " "
rp="I see a config.sh file. Shall I use it to set the defaults?"
. ./myread
case "$ans" in
n*|N*) echo "OK, I'll ignore it.";;
*) echo "Fetching default answers from your old config.sh file..." >&4
tmp_n="$n"
tmp_c="$c"
../config.sh
cp ../config.sh .

```



```

n="$tmp_n"
c="$tmp_c"
hint=previous
;;
esac
fi
@end
?X: remember, indentation is wrong--RAM
;;
*)
echo " "
echo "Fetching default answers from $config_sh..." >&4
tmp_n="$n"
tmp_c="$c"
cd ..
?X: preserve symbolic links, if any
cp $config_sh config.sh 2>/dev/null
chmod +w config.sh
. ./config.sh
cd UU
cp ../config.sh .
n="$tmp_n"
c="$tmp_c"
hint=previous
;;
esac
. ./optdef.sh

: Restore computed paths
for file in $loclist $strylist; do
eval $file="\$_$file"
done

@if osname || osvers
cat << EOM

```

Configure uses the operating system name and version to set some defaults. The default value is probably right if the name rings a bell. Otherwise, since spelling matters for me, either accept the default or answer "none" to leave it blank.

```

EOM
@end
@if osname
case "$osname" in
"|" )
case "$hintfile" in
"|" |none) dflt=none ;;

```

```

*) dflt=`echo $hintfile | $sed -e 's/\.sh$//' -e 's/_.*$//'^` ;;
esac
;;
*) dflt="$osname" ;;
esac
rp="Operating system name?"
./myread
case "$ans" in
none) osname="" ;;
*) osname=`echo "$ans" | $sed -e 's/[ ]*/_/g' | ./tr '[A-Z]' '[a-z]'^` ;;
esac
@end
@if osvers
@if osname
echo " "
@end
case "$osvers" in
'| ')
case "$hintfile" in
'| |none) dflt=none ;;
*) dflt=`echo $hintfile | $sed -e 's/\.sh$//' -e 's/^[^_]*//'^
dflt=`echo $dflt | $sed -e 's/^[^_]*//'^ -e 's/_/./g'^`
case "$dflt" in
'| ') dflt=none ;;
esac
;;
esac
;;
*) dflt="$osvers" ;;
esac
rp="Operating system version?"
./myread
case "$ans" in
none) osvers="" ;;
*) osvers="$ans" ;;
esac

@end

./posthint.sh

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Oldconfig.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d\_bcopy.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_bcopy.U,v $
?RCS: Revision 3.0.1.2 1993/10/16 13:48:04 ram
?RCS: patch12: added magic support for bcopy()
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:01:11 ram
?RCS: patch10: now only defines HAS_BCOPY, no macro remap on memcpy (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:44 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_bcopy: Inlibc
?MAKE: -pick add $@ %<
?S:d_bcopy:
?S: This variable conditionally defines the HAS_BCOPY symbol if
?S: the bcopy() routine is available to copy strings.
?S:.
?C:HAS_BCOPY:
?C: This symbol is defined if the bcopy() routine is available to
?C: copy blocks of memory.
?C:.
?H:#$d_bcopy HAS_BCOPY /**/
?H:.
?M:bcopy: HAS_BCOPY
?M:#ifndef HAS_BCOPY
?M:#ifndef bcopy
?M:#define bcopy(s,d,l) memcpy((d),(s),(l))
?M:#endif
?M:#endif
?M:.
?LINT:set d_bcopy
: see if bcopy exists
set bcopy d_bcopy
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_bcopy.U

```

No license file was found, but licenses were detected in source scan.

```

case $CONFIG in

```

```

")
if test -f config.sh; then TOP=.;
elif test -f ../config.sh; then TOP=..;
elif test -f ../../config.sh; then TOP=../../;
elif test -f ../../../config.sh; then TOP=../../../;
elif test -f ../../../../config.sh; then TOP=../../../../../;
else
  echo "Can't find config.sh."; exit 1
fi
. $TOP/config.sh
;;
esac
case "$0" in
*/*) cd `expr X$0 : 'X\(.*/\)^'` ;;
esac
echo "Extracting makedepend (with variable substitutions)"
$spitshell >makedepend <<!GROK!THIS!
$startsh
# $Id: makedepend.sh,v 3.0.1.1 1994/01/24 14:00:05 ram Exp ram $
#
# Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
#
# You may redistribute only under the terms of the Artistic Licence,
# as specified in the README file that comes with the distribution.
# You may reuse parts of this distribution only within the terms of
# that same Artistic Licence; a copy of which may be found at the root
# of the source tree for dist 4.0.
#
# Original Author: Larry Wall <lwall@netlabs.com>
#
# $Log: makedepend.sh,v $
# Revision 3.0.1.1 1994/01/24 14:00:05 ram
# patch16: changed top ln-style config.sh lookup into test-style one
#
# Revision 3.0 1993/08/18 12:04:37 ram
# Baseline for dist 3.0 netwide release.
#

export PATH || (echo "OOPS, this isn't sh. Desperation time. I will feed myself to sh."; sh \${0}; kill \${0})

cat='$cat'
cppflags='$cppflags'
cp='$cp'
cpp='$cppstdin'
echo='$echo'
egrep='$egrep'
expr='$expr'
mv='$mv'

```

```

rm='$rm'
sed='$sed'
sort='$sort'
test='$test'
tr='$tr'
uniq='$uniq'
!GROK!THIS!

```

```
$spitshell >>makedepend <<!NO!SUBS!
```

```

$cat /dev/null >.deptmp
$rm -f *.c.c c/*.*.c
if test -f Makefile; then
    mf=Makefile
else
    mf=makefile
fi
if test -f $mf; then
    defrule=`<$mf sed -n \
-e '/^\.c\.o:.*;/{' \
-e 's/^\$*\.\.c/' \
-e 's/^[^;]*[ ]*//p' \
-e q \
-e '}' \
-e '/^\.c\.o: *$/{' \
-e N \
-e 's/^\$*\.\.c/' \
-e 's/^\.*\n[ ]*//p' \
-e q \
-e '}'`
fi
case "$defrule" in
") defrule=$(CC) -c $(CFLAGS) ;;
esac

make clist || ($echo "Searching for .c files..."; \
$echo *.c | $tr ' ' '\012' | $egrep -v '*' >.clist)
gotnone=true
for file in `Scat .clist`; do
# for file in `cat /dev/null`; do
    case "$file" in
*.c) filebase=`basename $file .c` ;;
*.y) filebase=`basename $file .c` ;;
") continue ;;
esac
gotnone=false
$echo "Finding dependencies for $filebase.o."
$sed -n <$file >$file.c \

```

```

-e "/^${filebase}_init(/q" \
-e '/^#/{' \
-e 's/\^*.*$||' \
-e 's\\$||' \
-e p \
-e '}'
$cpp -I/usr/local/include -I. $cppflags $file.c | \
$sed \
-e '/^# *[0-9]!/d' \
-e 's/^\(.*\)".*$/${filebase}.o: \1/' \
-e 's|: \./: |' \
-e 's|\.c\.c|.c'| \
$uniq | $sort | $uniq >> .deptmp
done

$sed <Makefile >Makefile.new -e '1,/^# AUTOMATICALLY!/d'

```

```

make shlist || ($echo "Searching for .SH files..."; \
$echo *.SH | $tr ' ' '\012' | $grep -v '*' >.shlist)
if $gotnone || $test -s .deptmp; then
  for file in `cat .shlist`; do
    $echo `$expr X$file : 'X\(.*)\.SH` : $file config.sh \; \
    /bin/sh $file >> .deptmp
  done
  $echo "Updating Makefile..."
  $echo "# If this runs make out of memory, delete /usr/include lines." \
  >> Makefile.new
  $sed 's/^\(.*\o:) *(.*.*.c) *$|1 \2; ""$defrule \2|" .deptmp \
  >>Makefile.new
else
  make hlist || ($echo "Searching for .h files..."; \
$echo *.h | $tr ' ' '\012' | $grep -v '*' >.hlist)
  $echo "You don't seem to have a proper C preprocessor. Using grep instead."
  $grep '^#include `cat .clist` `cat .hlist` >.deptmp
  $echo "Updating Makefile..."
  <.clist $sed -n \
  -e '/^/{ \
  -e 's/^\(.*\)^\(.*\)\.c\|2.o: \1\2.c; ""$defrule \1\2.c|p' \
  -e d \
  -e '}' \
  -e 's/^\(.*\)\.c\|1.o: \1.c|p' >> Makefile.new
  <.hlist $sed -n 's/^\(.*\)^\(.*\)s= \2= \1\2=|p' >.hsed
  <.deptmp $sed -n 's|c:#include "\(.*)".*$|o: \1|p' | \
  $sed 's/^[^;]*|/' | \
  $sed -f .hsed >> Makefile.new
  <.deptmp $sed -n 's|c:#include <(\.*)>.*$|o: /usr/include\1|p' \
  >> Makefile.new
  <.deptmp $sed -n 's|h:#include "\(.*)".*$|h: \1|p' | \

```

```

$sed -f .hsed >> Makefile.new
<.deptmp $sed -n 's|h:#include <!(.*)>.*$|h: /usr/include/\1|p' \
>> Makefile.new
for file in `scat .shlist`; do
$echo `$expr X$file : 'X!(.*)\.SH': $file config.sh \; \
/bin/sh $file >> Makefile.new
done
fi
$rm -f Makefile.old
$cp Makefile Makefile.old
$cp Makefile.new Makefile
$rm Makefile.new
$echo "# WARNING: Put nothing here or make depend will gobble it up!" >> Makefile
$rm -f .deptmp `sed 's/\.c/.c/' .clist` .shlist .clist .hlist .hsed

```

```

!NO!SUBS!
$eunicefix makedepend
chmod +x makedepend
case `pwd` in
*SH)
  $rm -f ../makedepend
  ln makedepend ../makedepend
  ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/makedepend.SH

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_getprotobynumber_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getprotobynumber_r getprotobynumber_r_proto: Inlibc Protochk \
Hasproto i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getprotobynumber_r:
?S: This variable conditionally defines the HAS_GETPROTOBYNUMBER_R symbol,
?S: which indicates to the C program that the getprotobynumber_r()
?S: routine is available.
?S:.
?S:getprotobynumber_r_proto:
?S: This variable encodes the prototype of getprotobynumber_r.

```

?S: It is zero if d\_getprotobynumber\_r is undef, and one of the

?S: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getprotobynumber\_r

?S: is defined.

?S:.

?C:HAS\_GETPROTOBYNUMBER\_R:

?C: This symbol, if defined, indicates that the getprotobynumber\_r routine

?C: is available to getprotobynumber re-entrantly.

?C:.

?C:GETPROTOBYNUMBER\_R\_PROTO:

?C: This symbol encodes the prototype of getprotobynumber\_r.

?C: It is zero if d\_getprotobynumber\_r is undef, and one of the

?C: REENTRANT\_PROTO\_T\_ABC macros of reentr.h if d\_getprotobynumber\_r

?C: is defined.

?C:.

?H:#\$d\_getprotobynumber\_r HAS\_GETPROTOBYNUMBER\_R /\*\*/

?H:#define GETPROTOBYNUMBER\_R\_PROTO \$getprotobynumber\_r\_proto /\*\*/

?H:.

?T:try hdrs d\_getprotobynumber\_r\_proto

: see if getprotobynumber\_r exists

set getprotobynumber\_r d\_getprotobynumber\_r

eval \$inlibc

case "\$d\_getprotobynumber\_r" in

"\$define")

hdrs="\$i\_systypes sys/types.h define stdio.h \$i\_netdb netdb.h"

case "\$d\_getprotobynumber\_r\_proto:\$usethreads" in

":define") d\_getprotobynumber\_r\_proto=define

set d\_getprotobynumber\_r\_proto getprotobynumber\_r \$hdrs

eval \$hasproto ;;

\*) ;;

esac

case "\$d\_getprotobynumber\_r\_proto" in

define)

case "\$getprotobynumber\_r\_proto" in

"|0) try='int getprotobynumber\_r(int, struct protoent\*, char\*, size\_t, struct protoent\*\*);'

./protochk "\$extern\_C \$try" \$hdrs && getprotobynumber\_r\_proto=I\_ISBWR ;;

esac

case "\$getprotobynumber\_r\_proto" in

"|0) try='struct protoent\* getprotobynumber\_r(int, struct protoent\*, char\*, int);'

./protochk "\$extern\_C \$try" \$hdrs && getprotobynumber\_r\_proto=S\_ISBI ;;

esac

case "\$getprotobynumber\_r\_proto" in

"|0) try='int getprotobynumber\_r(int, struct protoent\*, struct protoent\_data\*);'

./protochk "\$extern\_C \$try" \$hdrs && getprotobynumber\_r\_proto=I\_ISD ;;

esac

case "\$getprotobynumber\_r\_proto" in

"|0) d\_getprotobynumber\_r=undef

getprotobynumber\_r\_proto=0

echo "Disabling getprotobynumber\_r, cannot determine prototype." >&4 ;;



```

*) case "$getprotobynumber_r_proto" in
REENTRANT_PROTO*) ;;
*) getprotobynumber_r_proto="REENTRANT_PROTO_${getprotobynumber_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "getprotobynumber_r has no prototype, not using it." >&4 ;;
esac
d_getprotobynumber_r=undef
getprotobynumber_r_proto=0
;;
esac
;;
*) getprotobynumber_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getprotobynumber_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2017, Karl Williamson

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d\_mbrlen: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_mbrlen:

?S: This variable conditionally defines the HAS\_MBRLLEN symbol if the

?S: mbrlen() routine is available to be used to get the length of

?S: multi-byte character strings.

?S:.

?C:HAS\_MBRLLEN:

?C: This symbol, if defined, indicates that the mbrlen routine is

?C: available to get the length of multi-byte character strings.

?C:.

?H:#\$d\_mbrlen HAS\_MBRLLEN /\*\*/

?H:.

?LINT: set d\_mbrlen

: see if mbrlen exists

set mbrlen d\_mbrlen

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_mbrlen.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i\_sysmman.U,v \$

?RCS: Revision 3.0.1.1 1994/01/24 14:11:20 ram

?RCS: patch16: created

?RCS:

?X:

?X: Look wether <sys/mman.h> needs to be included.

?X:

?MAKE:i\_sysmman: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_sysmman:

?S: This variable conditionally defines the I\_SYS\_MMAN symbol,

?S: and indicates whether a C program should include <sys/mman.h>.

?S:.

?C:I\_SYS\_MMAN:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <sys/mman.h>.

?C:.

?H:#\$i\_sysmman I\_SYS\_MMAN /\*\*/

?H:.

?LINT:set i\_sysmman

: see if sys/mman.h has to be included

set sys/mman.h i\_sysmman

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_sysmman.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_syswait.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: i\_syswait.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:08:42 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit looks wether <sys/wait.h> is available or not  
?X:  
?MAKE:i\_syswait: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_syswait:  
?S: This variable conditionally defines I\_SYS\_WAIT, which indicates  
?S: to the C program that it should include <sys/wait.h>.  
?S:.  
?C:I\_SYS\_WAIT (I\_SYSWAIT):  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <sys/wait.h>.  
?C:.  
?H:#\$i\_syswait I\_SYS\_WAIT /\*\*/  
?H:.  
?LINT:set i\_syswait  
: see if this is a syswait system  
set sys/wait.h i\_syswait  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_syswait.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sitescript.U,v \$  
?RCS:  
?RCS: Copyright (c) 1999 Andy Dougherty  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.  
?RCS:  
?RCS: \$Log: sitescript.U,v \$

```

?RCS:
?MAKE:sitescript sitescriptexp installsitescript : Getfile Oldconfig test \
  Setprefixvar sitebin siteprefix
?MAKE: -pick add $@ %<
?Y:TOP
?D:sitescript=""
?S:sitescript:
?S: This variable holds the name of the directory in which the user wants
?S: to put add-on publicly executable files for the package in question. It
?S: is most often a local directory such as /usr/local/bin. Programs using
?S: this variable must be prepared to deal with ~name substitution.
?S: The standard distribution will put nothing in this directory.
?S: After perl has been installed, users may install their own local
?S: scripts in this directory with
?S: MakeMaker Makefile.PL
?S: or equivalent. See INSTALL for details.
?S:.
?D:sitescriptexp=""
?S:sitescriptexp:
?S: This is the same as the sitescript variable, but is filename expanded at
?S: configuration time, for use in your makefiles.
?S:.
?D:installsitescript=""
?S:installsitescript:
?S: This variable is usually the same as sitescriptexp, unless you are on
?S: a system running AFS, in which case they may differ slightly. You
?S: should always use this variable within your makefiles for portability.
?S:.
?LINT:change prefixvar
?LINT:set installsitescript
?LINT:set sitescript
?LINT:set sitescriptexp
: determine where add-on public executable scripts go
case "$sitescript" in
") dflt=$siteprefix/script
$test -d $dflt || dflt=$sitebin ;;
*) dflt="$sitescript" ;;
esac
fn=d~+
rp='Pathname where add-on public executable scripts should be installed?'
./getfile
prefixvar=sitescript
./setprefixvar

Found in path(s):
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/installdirs/sitescript.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_getprpwnam: Inlibc
?MAKE: -pick add $@ %<
?S:d_getprpwnam:
?S: This variable conditionally defines HAS_GETPRPWNAM if getprpwnam() is
?S: available to retrieve protected (shadow) password entries by name.
?S:.
?C:HAS_GETPRPWNAM:
?C: This symbol, if defined, indicates that the getprpwnam system call is
?C: available to retrieve protected (shadow) password entries by name.
?C:.
?H:#$d_getprpwnam HAS_GETPRPWNAM /**/
?H:.
?LINT:set d_getprpwnam
: see if getprpwnam exists
set getprpwnam d_getprpwnam
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getprpwnam.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysvfs.U,v $
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysvfs: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysvfs:
?S: This variable conditionally defines the I_SYSVFS symbol,
?S: and indicates whether a C program should include <sys/vfs.h>.
?S:.
?C:I_SYS_VFS:
```

?C: This symbol, if defined, indicates that <sys/vfs.h> exists and

?C: should be included.

?C:.

?H:#\$i\_sysvfs I\_SYS\_VFS /\*\*/

?H:.

?LINT:set i\_sysvfs

: see if this is a sys/vfs.h system

set sys/vfs.h i\_sysvfs

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_sysvfs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i\_machcthr: Inhdr usethreads

?MAKE: -pick add \$@ %<

?S:i\_machcthr:

?S: This variable conditionally defines the I\_MACH\_CTHREADS symbol,

?S: and indicates whether a C program should include <mach/threads.h>.

?S:.

?C:I\_MACH\_CTHREADS:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <mach/threads.h>.

?C:.

?H:#\$i\_machcthr I\_MACH\_CTHREADS /\*\*/

?H:.

: see if mach threads are available

if test "X\$usethreads" = "X\$define"; then

set mach/threads.h i\_machcthr

eval \$inhdr

else

i\_machcthr="\$undef"

fi

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/i\_machcthr.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fp_classl: Inlibc
?MAKE:-pick add $@ %<
?S:d_fp_classl:
?S: This variable conditionally defines the HAS_FP_CLASSL symbol, which
?S: indicates to the C program that the fp_classl() routine is available.
?S:.
?C:HAS_FP_CLASSL:
?C: This symbol, if defined, indicates that the fp_classl routine is
?C: available to classify long doubles. Available for example in
?C: Digital UNIX. See for possible values HAS_FP_CLASS.
?C:.
?H:#$d_fp_classl HAS_FP_CLASSL /**/
?H:.
?LINT:set d_fp_classl
: see if fp_classl exists
set fp_classl d_fp_classl
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fp_classl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systable.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_systable.U,v $
?RCS: Revision 3.0.1.1 1993/10/16 13:50:20 ram
?RCS: patch12: created
?RCS:
?RCS:
?MAKE:i_systable: Inhdr
```

?MAKE: -pick add \$@ %<  
?S:i\_systable:  
?S: This variable conditionally defines the I\_SYS\_TABLE symbol, and  
?S: indicates whether a C program should include <sys/table.h>.  
?S:.  
?C:I\_SYS\_TABLE:  
?C: This symbol, if defined, indicates to the C program that it should  
?C: include <sys/table.h> for the OSF/1 table() system call.  
?C:.  
?H:#\$i\_systable I\_SYS\_TABLE /\*\*/  
?H:.  
?LINT:set i\_systable  
: see if this is an OSF sys/table system  
set sys/table.h i\_systable  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i\_systable.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: Instruct.U,v \$  
?RCS: Revision 3.0.1.3 1997/02/28 15:02:55 ram  
?RCS: patch61: logname / whoami sequence rewritten to use case  
?RCS:  
?RCS: Revision 3.0.1.2 1995/02/15 14:11:34 ram  
?RCS: patch51: author name now appears at the end of the paragraph (WED)  
?RCS:  
?RCS: Revision 3.0.1.1 1995/01/11 15:12:05 ram  
?RCS: patch45: now documents the & escape to turn -d on at the read prompt  
?RCS:  
?RCS: Revision 3.0 1993/08/18 12:05:04 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit spew out the directions that we want everyone to read. I try to  
?X: keep the first "pagefull" much less than a page since they don't know it  
?X: isn't going to go shooting off the top of the screen, and we don't want



```

?X: to panic them yet.
?X:
?MAKE:Instruct: Begin Myread Configdir contains
?MAKE: -pick wipe $@ %<
?T:user needman firsttime
: general instructions
needman=true
firsttime=true
user=`(logname) 2>/dev/null`
case "$user" in
") user=`whoami 2>&1`;;
esac
if $contains "^$user$" ../.config/instruct >/dev/null 2>&1; then
firsttime=false
echo " "
rp='Would you like to see the instructions?'
dflt=n
. ./myread
case "$ans" in
[yY]*) ;;
*) needman=false;;
esac
fi
if $needman; then
cat <<EOH

```

This installation shell script will examine your system and ask you questions to determine how the <PACKAGENAME> package should be installed. If you get stuck on a question, you may use a ! shell escape to start a subshell or execute a command. Many of the questions will have default answers in square brackets; typing carriage return will give you the default.

On some of the questions which ask for file or directory names you are allowed to use the ~name construct to specify the login directory belonging to "name", even if you don't have a shell which knows about that. Questions where this is allowed will be marked "(~name ok)".

```

EOH
rp=""
dflt='Type carriage return to continue'
. ./myread
cat <<'EOH'

```

The prompter used in this script allows you to use shell variables and backticks in your answers. You may use \$1, \$2, etc... to refer to the words in the default answer, as if the default line was a set of arguments given to a script shell. This means you may also use \$\* to repeat the whole default line, so you do not have to re-type everything to add something to the default.

Everytime there is a substitution, you will have to confirm. If there is an error (e.g. an unmatched backtick), the default answer will remain unchanged and you will be prompted again.

If you are in a hurry, you may run 'Configure -d'. This will bypass nearly all the questions and use the computed defaults (or the previous answers if there was already a config.sh file). Type 'Configure -h' for a list of options. You may also start interactively and then answer '& -d' at any prompt to turn on the non-interactive behaviour for the remainder of the execution.

EOH

```
./myread
cat <<EOH
```

Much effort has been expended to ensure that this shell script will run on any Unix system. If despite that it blows up on yours, your best bet is to edit Configure and run it again. If you can't run Configure for some reason, you'll have to generate a config.sh file by hand. Whatever problems you have, let me (<MAINTLOC>) know how I blew it.

This installation script affects things in two ways:

- 1) it may do direct variable substitutions on some of the files included in this kit.
- 2) it builds a config.h file for inclusion in C programs. You may edit any of these files as the need arises after running this script.

If you make a mistake on a question, there is no easy way to back up to it currently. The easiest thing to do is to edit config.sh and rerun all the SH files. Configure will offer to let you do this before it runs the SH files.

EOH

```
?X: In case they played with the prompter...
dflt="Type carriage return to continue"
./myread
case "$firsttime" in
true) echo $user >>../.config/instruct;;
esac
fi
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Instruct.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getprior.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_getprior.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:06:16 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:d\_getprior: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_getprior:  
?S: This variable conditionally defines HAS\_GETPRIORITY if getpriority()  
?S: is available to get a process's priority.  
?S:.  
?C:HAS\_GETPRIORITY (GETPRIORITY):  
?C: This symbol, if defined, indicates that the getpriority routine is  
?C: available to get a process's priority.  
?C:.  
?H:#\$d\_getprior HAS\_GETPRIORITY /\*\*/  
?H:.  
: see if getpriority exists  
?LINT:set d\_getprior  
set getpriority d\_getprior  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_getprior.U

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?RCS: \$Id: d\_setrgid.U 1 2006-08-24 12:32:52Z rmanfredi \$  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
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?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: d\_setrgid.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:07:14 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:

?MAKE:d\_setgid: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_setgid:  
?S: This variable conditionally defines the HAS\_SETRGID symbol, which  
?S: indicates to the C program that the setrgid() routine is available  
?S: to change the real gid of the current program.  
?S:.  
?C:HAS\_SETRGID (SETRGID):  
?C: This symbol, if defined, indicates that the setrgid routine is available  
?C: to change the real gid of the current program.  
?C:.  
?H:#\$d\_setgid HAS\_SETRGID /\*\*/  
?H:.  
?LINT:set d\_setgid  
: see if setrgid exists  
set setrgid d\_setgid  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705994886\_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d\_setgid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:versiononly: cat Myread Setvar Devel

?MAKE: -pick add \$@ %<

?LINT:set versiononly

?Y:TOP

?S:versiononly:

?S: If set, this symbol indicates that only the version-specific

?S: components of a perl installation should be installed.

?S: This may be useful for making a test installation of a new

?S: version without disturbing the existing installation.

?S: Setting versiononly is equivalent to setting installperl's -v option.

?S: In particular, the non-versioned scripts and programs such as

?S: a2p, c2ph, h2xs, pod2\*, and perldoc are not installed

?S: (see INSTALL for a more complete list). Nor are the man

?S: pages installed.

?S: Usually, this is undef.

```

?S:.
?LINT:extern inc_version_list
?LINT:change inc_version_list
?LINT:extern inc_version_list_init
?LINT:change inc_version_list_init
?LINT:extern version
: determine whether to use a version number suffix for installed binaries
echo " "
$cat <<EOM
Do you want to use a version number suffix for installed binaries? This
will install 'perl$version' instead of 'perl', and likewise for other
binaries like 'perldoc' and 'cpan'. This allows many versions of perl
to be installed side-by-side. Unless you are a developer, you probably
do *not* want to do this.
EOM
case "$versiononly" in
"$define"|[Yy]*|true) dflt='y' ;;
*) dflt='n';
esac
rp="Do you want to use a version number suffix for installed binaries?"
./myread
case "$ans" in
[yY]*) val="$define";;
*) val="$undef" ;;
esac
set versiononly
eval $setvar

case "$versiononly" in
"$define") inc_version_list="
        inc_version_list_init=0
        ;;
esac

```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/versiononly.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_newsadm.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

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```

```
?RCS: of the source tree for dist 4.0.
```

```

?RCS:
?RCS: $Log: d_newsadm.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:36:53 ram
?RCS: patch61: added Guess dependency
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:14:33 ram
?RCS: patch36: call ./eunice explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:42 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_newsadm newsadmin: cat contains Guess Setvar Myread Oldconfig
?MAKE: -pick add $@ %<
?S:d_newsadm:
?S: This variable conditionally defines the NEWS_ADMIN symbol, which
?S: indicates to the C program that there is a user who is in charge
?S: of news administration.
?S:.
?S:newsadmin:
?S: This variable holds the login name of the news administrator, if any.
?S:.
?C:NEWS_ADMIN (NEWSADMIN):
?C: This symbol, if defined, contains the login name of the news
?C: administrator.
?C:.
?H:#$d_newsadm NEWS_ADMIN "$newsadmin" /**/
?H:.
?LINT:set d_newsadm
: get news administrator name
case "$newsadmin" in
")
if $contains "^news:" /etc/passwd >/dev/null 2>&1 ; then
dflt=news
elif $contains "^usenet:" /etc/passwd >/dev/null 2>&1 ; then
dflt=usenet
elif ./eunice; then
dflt=system
else
dflt=root
fi
;;
*)
dflt="$newsadmin"
;;
esac
$cat <<'EOM'

```

Many systems keep their news in a private directory, or have a non-superuser

in charge of administering news. (If you don't have such a user, take the default answer.) I need the login name (not directory) which is used for news administration.

EOM

```
rp="News admin login?"
./myread
newsadmin="$ans"
case "$newsadmin" in
root) val="$undef" ;;
*) val="$define" ;;
esac
set d_newsadm
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_newsadm.U
```

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?RCS:

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?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_frexp! Inlibc

?MAKE: -pick add \$@ %<

?S:d\_frexp!:

?S: This variable conditionally defines the HAS\_FREXP symbol, which

?S: indicates to the C program that the frexp() routine is available.

?S:.

?C:HAS\_FREXP!:

?C: This symbol, if defined, indicates that the frexp routine is

?C: available to break a long double floating-point number into

?C: a normalized fraction and an integral power of 2.

?C:.

?H:#\$d\_frexp! HAS\_FREXP! /\*\*/

?H:.

?LINT:set d\_frexp!

: see if frexp exists

set frexp d\_frexp!

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_frexp!.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: bin.U,v \$

?RCS: Revision 3.0.1.4 1995/09/25 09:15:32 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.3 1995/01/30 14:32:40 ram

?RCS: patch49: can now handle installation prefix changes (from WED)

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:05:28 ram

?RCS: patch32: now uses installation prefix

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 15:56:51 ram

?RCS: patch10: made prompting more explicit (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:26 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:bin binexp installbin: Prefixit Getfile Oldconfig afs cat test

?MAKE: -pick add \$@ %<

?Y:TOP

?S:bin:

?S: This variable holds the name of the directory in which the user wants

?S: to put publicly executable images for the package in question. It

?S: is most often a local directory such as /usr/local/bin. Programs using

?S: this variable must be prepared to deal with ~name substitution.

?S:.

?S:binexp:

?S: This is the same as the bin variable, but is filename expanded at

?S: configuration time, for use in your makefiles.

?S:.

?S:installbin:

?S: This variable is the same as binexp unless AFS is running in which case

?S: the user is explicitly prompted for it. This variable should always

?S: be used in your makefiles for maximum portability.

?S:.

?C:BIN:

?C: This symbol holds the path of the bin directory where the package will



?C: be installed. Program must be prepared to deal with ~name substitution.

?C:.

?C:BIN\_EXP:

?C: This symbol is the filename expanded version of the BIN symbol, for

?C: programs that do not want to deal with that at run-time.

?C:.

```
?H:#define BIN "$bin" /**/
```

```
?H:#define BIN_EXP "$binexp" /**/
```

?H:.

```
?D:bin='/usr/local/bin'
```

: determine where public executables go

```
echo " "
```

```
set dflt bin bin
```

```
eval $prefixit
```

```
fn=d~
```

```
rp='Pathname where the public executables will reside?'
```

```
./getfile
```

```
if $test "X$sansexp" != "X$binexp"; then
```

```
installbin="
```

```
fi
```

```
bin="$ans"
```

```
binexp="$sansexp"
```

```
if $afs; then
```

```
$cat <<EOM
```

Since you are running AFS, I need to distinguish the directory in which executables reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

EOM

```
case "$installbin" in
```

```
) dflt=`echo $binexp | sed 's#^/afs/#/afs/#^';
```

```
*) dflt="$installbin";
```

```
esac
```

```
fn=de~
```

```
rp='Where will public executables be installed?'
```

```
./getfile
```

```
installbin="$ans"
```

```
else
```

```
installbin="$binexp"
```

```
fi
```

Found in path(s):

```
* /opt/cola/permits/1705994886_1686046725.4363875/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/bin.U
```

# 1.662 packaging 20.3

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## 1.663 jline-terminal-jna 3.22.0

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\*/

Found in path(s):

\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/win/JnaWinConsoleWriter.java

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\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/win/WindowsAnsiWriter.java

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```
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*  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1617269230_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/win/Kernel32.java
```

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```
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#  
class = org.jline.terminal.impl.jna.JnaTerminalProvider
```

Found in path(s):

```
* /opt/cola/permits/1617269230_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/META-  
INF/services/org/jline/terminal/provider/jna
```

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```

Found in path(s):

\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/freebsd/FreeBsdNativePty.java  
\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/osx/OsXNativePty.java  
\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/solaris/SolarisNativePty.java  
\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/osx/CLibrary.java  
\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/win/JnaWinSysTerminal.java  
\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/JnaTerminalProvider.java  
\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/JnaNativePty.java  
\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/linux/CLibrary.java  
\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/freebsd/CLibrary.java  
\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/linux/LinuxNativePty.java  
\* /opt/cola/permits/1617269230\_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/solaris/CLibrary.java

## 1.664 jersey-client 2.25.1

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# 1.672 patch 2.7.6-6

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## 1.674 tdb 1.45.5

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Version 3, 29 June 2007

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Found in path(s):

\* /opt/cola/permits/1258291678\_1643053065.62/0/dropwizard-jetty-1-3-29-sources-jar/io/dropwizard/jetty/LocalIpFilter.java

# 1.678 yerden-go-util 1.1.3

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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jar/com/github/zafarkhaja/semver/package-info.java
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jar/com/github/zafarkhaja/semver/expr/Not.java
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jar/com/github/zafarkhaja/semver/expr/ExpressionParser.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-
jar/com/github/zafarkhaja/semver/expr/package-info.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-
jar/com/github/zafarkhaja/semver/expr/GreaterOrEqual.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-
jar/com/github/zafarkhaja/semver/expr/LessOrEqual.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-
```

jar/com/github/zafarkhaja/semver/expr/Equal.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/expr/UnexpectedTokenException.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/expr/NotEqual.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/expr/CompositeExpression.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/expr/Or.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
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\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/util/UnexpectedElementException.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/Version.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/NormalVersion.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/expr/Lexer.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/UnexpectedCharacterException.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/util/package-info.java  
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jar/com/github/zafarkhaja/semver/expr/Less.java  
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jar/com/github/zafarkhaja/semver/Parser.java  
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jar/com/github/zafarkhaja/semver/expr/Greater.java  
\* /opt/cola/permits/1257333337\_1642801889.72/0/java-semver-0-9-0-sources-  
jar/com/github/zafarkhaja/semver/ParseException.java  
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\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/LinkedTreeMap.java

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\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/bind/DateTypeAdapter.java

\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/LazilyParsedNumber.java

\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/bind/TreeTypeAdapter.java

\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java

\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/ConstructorConstructor.java

\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/UnsafeAllocator.java

\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-

jar/com/google/gson/internal/sql/SqlTimeTypeAdapter.java  
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```
* /opt/cola/permits/1455481167_1667022567.4713087/0/gson-2-10-sources-
jar/com/google/gson/internal/bind/JsonAdapterAnnotationTypeAdapterFactory.java
* /opt/cola/permits/1455481167_1667022567.4713087/0/gson-2-10-sources-
jar/com/google/gson/annotations/JsonAdapter.java
```

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```
* /opt/cola/permits/1455481167_1667022567.4713087/0/gson-2-10-sources-
jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java
* /opt/cola/permits/1455481167_1667022567.4713087/0/gson-2-10-sources-
jar/com/google/gson/TypeAdapterFactory.java
* /opt/cola/permits/1455481167_1667022567.4713087/0/gson-2-10-sources-
```



jar/com/google/gson/internal/JsonReaderInternalAccess.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/TypeAdapter.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/internal/bind/TypeAdapters.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/internal/bind/JsonTreeReader.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/internal/bind/JsonTreeWriter.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java  
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\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/internal/JavaVersion.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/internal/PreJava9DateFormatProvider.java  
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jar/com/google/gson/internal/Streams.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/JsonSyntaxException.java

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jar/com/google/gson/annotations/Since.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/FieldNamingPolicy.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/Primitives.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/FieldNamingStrategy.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/annotations/Expose.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/ObjectConstructor.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-

jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/annotations/Until.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/JsonSerializationContext.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/ExclusionStrategy.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/\$Gson\$Preconditions.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/JsonElement.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/JsonPrimitive.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/JsonSerializer.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/InstanceCreator.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/internal/Excluder.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/JsonDeserializationContext.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/JsonIOException.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/JsonArray.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/JsonObject.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/JsonDeserializer.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/GsonBuilder.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/JsonParseException.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/annotations/SerializedName.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/Gson.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-  
jar/com/google/gson/reflect/TypeToken.java  
\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/JsonNull.java  
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jar/com/google/gson/internal/\$Gson\$Types.java

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jar/com/google/gson/ToNumberPolicy.java

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jar/com/google/gson/ToNumberStrategy.java

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\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/JsonStreamParser.java

\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/LongSerializationPolicy.java

\* /opt/cola/permits/1455481167\_1667022567.4713087/0/gson-2-10-sources-jar/com/google/gson/JsonParser.java

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* /opt/cola/permits/1455481167_1667022567.4713087/0/gson-2-10-sources-
jar/com/google/gson/stream/JsonReader.java
* /opt/cola/permits/1455481167_1667022567.4713087/0/gson-2-10-sources-
jar/com/google/gson/stream/JsonScope.java
* /opt/cola/permits/1455481167_1667022567.4713087/0/gson-2-10-sources-
jar/com/google/gson/stream/JsonToken.java
* /opt/cola/permits/1455481167_1667022567.4713087/0/gson-2-10-sources-
jar/com/google/gson/stream/MalformedJsonException.java
* /opt/cola/permits/1455481167_1667022567.4713087/0/gson-2-10-sources-
jar/com/google/gson/stream/JsonWriter.java
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jar/com/google/gson/internal/GsonBuildConfig.java
```

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* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/Validator.java
```

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/CascadableDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintTarget.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/FutureOrPresent.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Null.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidatorContext.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ExecutableDescriptor.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/UnexpectedTypeException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/BeanDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Digits.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/UnwrapByDefault.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NegativeOrZero.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolation.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintDefinitionException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ValidateUnwrappedValue.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/SupportedValidationTarget.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ValidationProvider.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ElementKind.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/GroupConversionDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ExtractedValue.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/GenericBootstrap.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/MethodType.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ValueExtractorDeclarationException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstructorDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertTrue.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Path.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/PositiveOrZero.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ValueExtractorDefinitionException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/BootstrapConfiguration.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ContainerElementTypeDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/GroupDefinitionException.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/ConvertGroup.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/Scope.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Max.java



\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ReportAsSingleViolation.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ReturnValueDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ParameterNameProvider.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Pattern.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/NoProviderFoundException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Validation.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Constraint.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolationException.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/TraversableResolver.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationProviderResolver.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstraintDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ParameterDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotNull.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/GroupSequence.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Negative.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidatorFactory.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationException.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/BootstrapState.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintDeclarationException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/PropertyDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidator.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ExecutableType.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertFalse.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Future.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMax.java

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ConfigurationState.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Payload.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMin.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Past.java

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~ Jakarta Bean Validation API

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<![CDATA[

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\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/META-INF/maven/jakarta.validation/jakarta.validation-api/pom.xml

# 1.688 distlib 0.3.3

## 1.688.1 Available under license :

### A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived	Year	Owner	GPL-
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	from			compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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=====

The Distutils2 project was started by Tarek Ziad and is currently maintained by ric Araujo. Many people have contributed to the project.

distlib has started off using some of the code from distutil2.

If you're making a patch, please add your name below in alphabetical order, and welcome into the Fellowship of the Packaging!

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# 1.691 metrics-servlets 4.1.16

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# 1.692 pkg-sftp 1.12.0

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# 1.697 jetty-continuation 9.4.51.v20230217

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\* javax.annotation:javax.annotation-api

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If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

-----  
OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

-----  
Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

-----  
MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

-----  
Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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# 1.698 free-type 2.12.1

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2006-Jan-27

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#

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#

builds/unix/pkg.m4

#

docs/FTL.TXT

```
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
```

src/tools/ftrandom/ftrandom.c

#

subprojects/dlg

#

# EOF

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# 1.700 heimdal 7.7.0+dfsg-1ubuntu1.4

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-- Tom St Denis

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@macro copynext{ }  
@vskip 20pt plus 1fil  
@end macro
```

```
@macro copyrightstart{ }  
@end macro
```

```
@macro copyrightend{ }  
@end macro
```

```
@node Copyrights and Licenses, , Acknowledgments, Top  
@comment node-name, next, previous, up  
@appendix Copyrights and Licenses
```

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@item GSS-API CFX, SPNEGO, naming extensions, API extensions.

@item KCM credential cache.

@item HDB LDAP backend.

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AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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Windows support

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jar/org/slf4j/bridge/SLF4JBridgeHandler.java

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## 1.703 netcat-openbsd 1.206-1ubuntu1

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## 1.704 treeprint 1.1.0

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# 1.714 jetty-servlets 9.4.35.v20201120

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- \* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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- \* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- \* org.eclipse.jetty.orbit:javax.mail.glassfish

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#### Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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#### Oracle OpenJDK

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- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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#### OW2

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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## 1.718 ncurses 6.2-0ubuntu2.1

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/\*\*

\* Enumeration of supported Base64 dialects.

\* <p>

\* The internal lookup tables in this class has been derived from

\* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain

\* Base64 Encoder/Decoder</a>.

\*/

Found in path(s):

\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/base64/Base64Dialect.java

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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/FastLz.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/json/package-info.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java

\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Crc32.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java  
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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/META-INF/native-image/io.netty/netty-codec/native-image.properties  
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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-

jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/HeadersUtils.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/ProtocolDetectionResult.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/ProtocolDetectionState.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/UnsupportedValueConverter.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java

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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/DefaultHeaders.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/EmptyHeaders.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/Headers.java

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*/
/**
* Utility class for { @link ByteBuf } that encodes and decodes to and from
* Base64 notation.
* <p>
* The encoding and decoding algorithm in this class has been derived from
* http://iharder.sourceforge.net/current/java/base64/ Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

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```
* /opt/cola/permits/1509095575_1671044644.0113554/0/netty-codec-4-1-86-final-sources-
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* /opt/cola/permits/1509095575_1671044644.0113554/0/netty-codec-4-1-86-final-sources-
jar/io/netty/handler/codec/compression/Lz4XXHash32.java
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```

```
*/
```

```
/**
```

```
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message. It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
```

```
* <p>
```

```
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
```

```
*
```

```
* <h3>2 bytes length field at offset 0, do not strip header</h3>
```

```
*
```

```
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD". By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field. Therefore, it can be decoded with the simplistic parameter
* combination.
```

```
* <pre>
```

```
* <b>lengthFieldOffset</b> = <b>0</b>
```

```
* <b>lengthFieldLength</b> = <b>2</b>
```

```
* lengthAdjustment = 0
```

```
* initialBytesToStrip = 0 (= do not strip header)
```

```
*
```

```
* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)
```

```
* +-----+-----+      +-----+-----+
```

```
* | Length | Actual Content |---->| Length | Actual Content |
```

```
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
```

```
* +-----+-----+      +-----+-----+
```

```

* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* { @link ByteBuf#readableBytes() }, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>. In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)      AFTER DECODE (12 bytes)
* +-----+-----+ +-----+
* | Length | Actual Content |---->| Actual Content |
* | 0x000C | "HELLO, WORLD" |   | "HELLO, WORLD" |
* +-----+-----+ +-----+
* </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
* represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>. Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
*
* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |   | 0x000E | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example. An extra

```

\* header value is prepended to the message. `<tt>lengthAdjustment</tt>` is zero  
 \* again because the decoder always takes the length of the prepended data into  
 \* account during frame length calculation.

```
* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)          AFTER DECODE (17 bytes)
* +-----+-----+-----+ +-----+-----+-----+
* | Header 1 | Length | Actual Content |----->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" | | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+ +-----+-----+-----+
* </pre>
```

\* **3 bytes length field at the beginning of 5 bytes header, do not strip header**

\* This is an advanced example that shows the case where there is an extra  
 \* header between the length field and the message body. You have to specify a  
 \* positive `<tt>lengthAdjustment</tt>` so that the decoder counts the extra  
 \* header into the frame length calculation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)          AFTER DECODE (17 bytes)
* +-----+-----+-----+ +-----+-----+-----+
* | Length | Header 1 | Actual Content |----->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" | | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +-----+-----+-----+ +-----+-----+-----+
* </pre>
```

\* **2 bytes length field at offset 1 in the middle of 4 bytes header,  
 \* strip the first header field and the length field**

\* This is a combination of all the examples above. There are the prepended  
 \* header before the length field and the extra header after the length field.  
 \* The prepended header affects the `<tt>lengthFieldOffset</tt>` and the extra  
 \* header affects the `<tt>lengthAdjustment</tt>`. We also specified a non-zero  
 \* `<tt>initialBytesToStrip</tt>` to strip the length field and the prepended  
 \* header from the frame. If you don't want to strip the prepended header, you  
 \* could specify `<tt>0</tt>` for `<tt>initialBytesToSkip</tt>`.

```
* <pre>
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
```



```

* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
*
* BEFORE DECODE (16 bytes)           AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |   | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field
* represents the length of the whole message</h3>
*
* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.
* <pre>
* lengthFieldOffset = 1
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>
*
* BEFORE DECODE (16 bytes)           AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |   | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+
* </pre>
* @see LengthFieldPrepender
*/

```

Found in path(s):

```

* /opt/cola/permits/1509095575_1671044644.0113554/0/netty-codec-4-1-86-final-sources-
jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/DecoderException.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
- \* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-

jar/io/netty/handler/codec/marshalling/LimitingByteInput.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/MessageToMessageDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/compression/ZlibCodecFactory.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/MessageToByteEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/LengthFieldPrepender.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/DecoderResult.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/string/StringEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/compression/JdkZlibEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/MessageToMessageCodec.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/CorruptedFrameException.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java  
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jar/io/netty/handler/codec/xml/package-info.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/base64/Base64Encoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/serialization/ObjectDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-

jar/io/netty/handler/codec/serialization/ClassResolver.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/marshalling/MarshallerProvider.java  
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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/serialization/ObjectEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/compression/CompressionException.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/protobuf/package-info.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java  
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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/CodecException.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java  
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jar/io/netty/handler/codec/serialization/package-info.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/LineBasedFrameDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/TooLongFrameException.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/base64/package-info.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-

jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/serialization/SoftReferenceMap.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/ByteToMessageCodec.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/package-info.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/bytes/package-info.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/serialization/WeakReferenceMap.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/string/package-info.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/compression/JZlibEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java  
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jar/io/netty/handler/codec/EncoderException.java  
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jar/io/netty/handler/codec/compression/CompressionOptions.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/compression/ZstdOptions.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/compression/BrotliEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/compression/StandardCompressionOptions.java

\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/BrotliDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/ZstdEncoder.java  
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\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/DeflateOptions.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/BrotliOptions.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/Brotli.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/GzipOptions.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-jar/io/netty/handler/codec/compression/ZstdConstants.java

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jar/io/netty/handler/codec/CodecOutputList.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/compression/ByteBufChecksum.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/string/LineEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/string/LineSeparator.java  
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jar/io/netty/handler/codec/DatagramPacketEncoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/DateFormatter.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
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jar/io/netty/handler/codec/compression/CompressionUtil.java

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jar/io/netty/handler/codec/compression/Crc32c.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-  
jar/io/netty/handler/codec/xml/XmlFrameDecoder.java  
\* /opt/cola/permits/1509095575\_1671044644.0113554/0/netty-codec-4-1-86-final-sources-

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jar/com/sun/xml/bind/marshaller/NoEscapeHandler.java  
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### 1.734.1 Available under license :

procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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# 1.735 pycryptodome 3.14.1

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## 1.737 okhttp 3.12.12

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jar/okhttp3/internal/publicsuffix/PublicSuffixDatabase.java

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* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Handshake.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/http2/ErrorCode.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/cache/CacheStrategy.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Route.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/http/RequestLine.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/http/StatusLine.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Response.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Dispatcher.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/cache/InternalCache.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/NamedRunnable.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Request.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/connection/RouteDatabase.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/Http2.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/MediaType.java
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\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache/FaultHidingSink.java  
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\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/ConnectionSpecSelector.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/RouteException.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/io/FileSystem.java  
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\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/Util.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/HttpCodec.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/HttpHeaders.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Address.java  
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\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/platform/Jdk9Platform.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/ws/RealWebSocket.java  
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\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache2/Relay.java  
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\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/platform/AndroidPlatform.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/tls/TrustRootIndex.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/RetryAndFollowUpInterceptor.java  
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\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/tls/BasicCertificateChainCleaner.java  
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\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/CertificatePinner.java  
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\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Callback.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Call.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Protocol.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Credentials.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/FormBody.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Challenge.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/ResponseBody.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/Header.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/RealResponseBody.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/TlsVersion.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache/CacheRequest.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/PushObserver.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/RequestBody.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/CipherSuite.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/Version.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/platform/ConscryptPlatform.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/MultipartBody.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/Internal.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/RealCall.java  
\* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/HttpMethod.java

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* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/cache/DiskLruCache.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/http2/Http2Writer.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/http2/Http2Connection.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/http2/Http2Stream.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/HttpDate.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/http2/Http2Reader.java
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- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/tls/DistinguishedNameParser.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/tls/CertificateChainCleaner.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/ConnectInterceptor.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/RealConnection.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/tls/OkHostnameVerifier.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Connection.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/ConnectionPool.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/platform/OptionalMethod.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache/CacheInterceptor.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Headers.java

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- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Dns.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/RouteSelector.java
- \* /opt/cola/permits/1125673732\_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/OkHttpClient.java

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## 1.741 python-setuptools 61.3.0

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## 1.745 libxrender 0.9.10-1

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## 1.747 go-uber-org-multierr 1.6.0

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# 1.748 kubernetes-apimachinery 0.26.0

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# 1.751 python-certifi 2021.05.30

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

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## 1.755 trylock 0.0.0-20160524210250-5d1441de6705

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## 1.756 ecj 3.26.0

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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\* Jesper S Moller - Contributions for  
\* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335  
\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/Opcodes.java  
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\* bug 384380 - False positive on a "Potential null pointer access" after a continue  
\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/InvocationSite.java  
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\* wharley@bea.com - derived base class from BatchMessengerImpl  
\*  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/dispatch/BaseMessengerImpl.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ReductionResult.java  
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*     Bug 473178  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ConstraintExceptionFormula.java  
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jar/org/eclipse/jdt/internal/compiler/classfmt/ComponentInfoWithTypeAnnotation.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/CompactConstructorDeclaration.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/TextBlock.java

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/messages.properties
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/antadapter/messages.properties
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/batch/messages.properties
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/problem/messages.properties

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- \* IBM Corporation - fix for 342470
- \* IBM Corporation - fix for 342598
- \* IBM Corporation - Java 8 support

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/TypeParameterElementImpl.java

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 *     Bug 432977 - [1.8][null] Incorrect 'type is not visible' compiler error
 *     Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
 *****/
/* Taking the binding of QTR as an example, there could be different annotatable components, but we come in a
with a single binding, e.g:
    @T Z;                                type => Z annotations => [[@T]]
    @T Y.@T Z                            type => Z annotations => [[@T][@T]]
    @T X.@T Y.@T Z                      type => Z annotations => [[@T][@T][@T]]
    java.lang.@T X.@T Y.@T Z           type => Z annotations => [[[]][@T][@T][@T]]
    in all these cases the incoming type binding is for Z, but annotations are for different levels. We need to align their
    layout for proper attribution.
*/
```

Found in path(s):

```
*/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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\* Jesper S Moller - Contributions for  
\* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335  
\* Frits Jalvingh - contributions for bug 533830.  
\* Red Hat Inc. - add module-info Javadoc support

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\* NonStaticAccessToStaticMethod

\* Task

\* ExpressionShouldBeAVariable

\* AssignmentHasNoEffect

\* IBM Corporation - added the following constants

\* TooManySyntheticArgumentSlots

\* TooManyArrayDimensions

\* TooManyBytesForStringConstant

\* TooManyMethods

\* TooManyFields

\* NonBlankFinalLocalAssignment

\* ObjectCannotHaveSuperTypes

\* MissingSemiColon

\* InvalidParenthesizedExpression

\* EnclosingInstanceInConstructorCall

\* BytecodeExceeds64KLimitForConstructor

\* IncompatibleReturnTypeForNonInheritedInterfaceMethod

\* UnusedPrivateMethod

\* UnusedPrivateConstructor

\* UnusedPrivateType

\* UnusedPrivateField

\* IncompatibleExceptionInThrowsClauseForNonInheritedInterfaceMethod

\* InvalidExplicitConstructorCall

\* IBM Corporation - added the following constants

\* PossibleAccidentalBooleanAssignment

\* SuperfluousSemicolon

\* IndirectAccessToStaticField

\* IndirectAccessToStaticMethod

\* IndirectAccessToStaticType

\* BooleanMethodThrowingException

\* UnnecessaryCast

\* UnnecessaryArgumentCast

\* UnnecessaryInstanceOf

\* FinallyMustCompleteNormally

- \* UnusedMethodDeclaredThrownException
- \* UnusedConstructorDeclaredThrownException
- \* InvalidCatchBlockSequence
- \* UnqualifiedFieldAccess
- \* IBM Corporation - added the following constants
- \* Javadoc
- \* JavadocUnexpectedTag
- \* JavadocMissingParamTag
- \* JavadocMissingParamName
- \* JavadocDuplicateParamName
- \* JavadocInvalidParamName
- \* JavadocMissingReturnTag
- \* JavadocDuplicateReturnTag
- \* JavadocMissingThrowsTag
- \* JavadocMissingThrowsClassName
- \* JavadocInvalidThrowsClass
- \* JavadocDuplicateThrowsClassName
- \* JavadocInvalidThrowsClassName
- \* JavadocMissingSeeReference
- \* JavadocInvalidSeeReference
- \* JavadocInvalidSeeHref
- \* JavadocInvalidSeeArgs
- \* JavadocMissing
- \* JavadocInvalidTag
- \* JavadocMessagePrefix
- \* EmptyControlFlowStatement
- \* IBM Corporation - added the following constants
- \* IllegalUsageOfQualifiedTypeReference
- \* InvalidDigit
- \* IBM Corporation - added the following constants
- \* ParameterAssignment
- \* FallthroughCase
- \* IBM Corporation - added the following constants
- \* UnusedLabel
- \* UnnecessaryNLSTag
- \* LocalVariableMayBeNull
- \* EnumConstantsCannotBeSurroundedByParenthesis
- \* JavadocMissingIdentifier
- \* JavadocNonStaticTypeFromStaticInvocation
- \* RawTypeReference
- \* NoAdditionalBoundAfterTypeVariable
- \* UnsafeGenericArrayForVarargs
- \* IllegalAccessFromTypeVariable
- \* AnnotationValueMustBeArrayInitializer
- \* InvalidEncoding
- \* CannotReadSource
- \* EnumStaticFieldInInInitializerContext
- \* ExternalProblemNotFixable

- \* ExternalProblemFixable
- \* IBM Corporation - added the following constants
- \* AnnotationValueMustBeAnEnumConstant
- \* OverridingMethodWithoutSuperInvocation
- \* MethodMustOverrideOrImplement
- \* TypeHidingTypeParameterFromType
- \* TypeHidingTypeParameterFromMethod
- \* TypeHidingType
- \* IBM Corporation - added the following constants
- \* NullLocalVariableReference
- \* PotentialNullLocalVariableReference
- \* RedundantNullCheckOnNullLocalVariable
- \* NullLocalVariableComparisonYieldsFalse
- \* RedundantLocalVariableNullAssignment
- \* NullLocalVariableInstanceofYieldsFalse
- \* RedundantNullCheckOnNonNullLocalVariable
- \* NonNullLocalVariableComparisonYieldsFalse
- \* IBM Corporation - added the following constants
- \* InvalidUsageOfTypeParametersForAnnotationDeclaration
- \* InvalidUsageOfTypeParametersForEnumDeclaration
- \* IBM Corporation - added the following constants
- \* RedundantSuperinterface
- \* Benjamin Muskalla - added the following constants
- \* MissingSynchronizedModifierInInheritedMethod
- \* Stephan Herrmann - added the following constants
- \* UnusedObjectAllocation
- \* PotentiallyUnclosedCloseable
- \* PotentiallyUnclosedCloseableAtExit
- \* UnclosedCloseable
- \* UnclosedCloseableAtExit
- \* ExplicitlyClosedAutoCloseable
- \* RequiredNonNullButProvidedNull
- \* RequiredNonNullButProvidedPotentialNull
- \* RequiredNonNullButProvidedUnknown
- \* NullAnnotationNameMustBeQualified
- \* IllegalReturnNullityRedefinition
- \* IllegalRedefinitionToNonNullParameter
- \* IllegalDefinitionToNonNullParameter
- \* ParameterLackingNonNullAnnotation
- \* ParameterLackingNullableAnnotation
- \* PotentialNullMessageSendReference
- \* RedundantNullCheckOnNonNullMessageSend
- \* CannotImplementIncompatibleNullness
- \* RedundantNullAnnotation
- \* RedundantNullDefaultAnnotation
- \* RedundantNullDefaultAnnotationPackage
- \* RedundantNullDefaultAnnotationType
- \* RedundantNullDefaultAnnotationMethod

- \* ContradictoryNullAnnotations
- \* IllegalAnnotationForBaseType
- \* RedundantNullCheckOnSpecdNonNullLocalVariable
- \* SpecdNonNullLocalVariableComparisonYieldsFalse
- \* RequiredNonNullButProvidedSpecdNullable
- \* MissingDefaultCase
- \* MissingEnumConstantCaseDespiteDefault
- \* UninitializedLocalVariableHintMissingDefault
- \* UninitializedBlankFinalFieldHintMissingDefault
- \* ShouldReturnValueHintMissingDefault
- \* IllegalModifierForInterfaceDefaultMethod
- \* InheritedDefaultMethodConflictsWithOtherInherited
- \* ConflictingNullAnnotations
- \* ConflictingInheritedNullAnnotations
- \* UnsafeElementTypeConversion
- \* ArrayReferencePotentialNullReference
- \* DereferencingNullableExpression
- \* NullityMismatchingTypeAnnotation
- \* NullityMismatchingTypeAnnotationSuperHint
- \* NullityUncheckedTypeAnnotationDetail
- \* NullityUncheckedTypeAnnotationDetailSuperHint
- \* NullableFieldReference
- \* UninitializedNonNullField
- \* UninitializedNonNullFieldHintMissingDefault
- \* NonNullMessageSendComparisonYieldsFalse
- \* RedundantNullCheckOnNonNullSpecdField
- \* NonNullSpecdFieldComparisonYieldsFalse
- \* NonNullExpressionComparisonYieldsFalse
- \* RedundantNullCheckOnNonNullExpression
- \* ReferenceExpressionParameterNullityMismatch
- \* ReferenceExpressionParameterNullityUnchecked
- \* ReferenceExpressionReturnNullRedef
- \* ReferenceExpressionReturnNullRedefUnchecked
- \* DuplicateInheritedDefaultMethods
- \* SuperAccessCannotBypassDirectSuper
- \* SuperCallCannotBypassOverride
- \* ConflictingNullAnnotations
- \* ConflictingInheritedNullAnnotations
- \* UnsafeElementTypeConversion
- \* PotentialNullUnboxing
- \* NullUnboxing
- \* NullExpressionReference
- \* PotentialNullExpressionReference
- \* RedundantNullCheckAgainstNonNullType
- \* NullAnnotationUnsupportedLocation
- \* NullAnnotationUnsupportedLocationAtType
- \* NullityMismatchTypeArgument
- \* ContradictoryNullAnnotationsOnBound

```

* UnsafeNullnessCast
* ContradictoryNullAnnotationsInferred
* NonNullDefaultDetailIsNotEvaluated
* NullNotCompatibleToFreeTypeVariable
* NullityMismatchAgainstFreeTypeVariable
* ImplicitObjectBoundNonNullDefault
* IllegalParameterNullityRedefinition
* ContradictoryNullAnnotationsInferredFunctionType
* IllegalReturnNullityRedefinitionFreeTypeVariable
* UnlikelyCollectionMethodArgumentType
* UnlikelyEqualsArgumentType
* Jesper S Moller - added the following constants
* TargetTypeNotAFunctionalInterface
* OuterLocalMustBeEffectivelyFinal
* IllegalModifiersForPackage
* DuplicateAnnotationNotMarkedRepeatable
* DisallowedTargetForContainerAnnotation
* RepeatedAnnotationWithContainerAnnotation
* ContainingAnnotationMustHaveValue
* ContainingAnnotationHasNonDefaultMembers
* ContainingAnnotationHasWrongValueType
* ContainingAnnotationHasShorterRetention
* RepeatableAnnotationHasTargets
* RepeatableAnnotationTargetMismatch
* RepeatableAnnotationIsDocumented
* RepeatableAnnotationIsInherited
* RepeatableAnnotationWithRepeatingContainerAnnotation
* VarLocalMultipleDeclarators
* VarLocalCannotBeArray
* VarLocalReferencesItself
* VarLocalWithoutInitializer
* VarLocalInitializedToNull
* VarLocalCannotBeArrayInitializers
* VarLocalCannotBeLambda
* VarLocalCannotBeMethodReference
* VarIsReserved
* VarIsReservedInFuture
* VarIsNotAllowedHere
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/core/compiler/IProblem.java

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\* Erling Ellingsen - patch for bug 125570  
\* Stephan Herrmann - Contribution for  
\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
\* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class  
\* Sebastian Zarnekow - Contribution for  
\* Bug 544921 - [performance] Poor performance with large source files  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/CompilationUnitScope.java  
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\* Stephan Herrmann - Contributions for  
\* bug 332637 - Dead Code detection removing code that isn't dead  
\* bug 391517 - java.lang.VerifyError on code that runs correctly in Eclipse 3.7 and eclipse 3.6  
\* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/ConditionalFlowInfo.java  
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- \* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
- \* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
- \* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
- \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
- \* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
- \* Bug 415850 - [1.8] Ensure RunJDTCORETests can cope with null annotations enabled
- \* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
- \* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 425460 - [1.8] [inference] Type not inferred on stream.toArray
- \* Bug 426792 - [1.8][inference][impl] generify new type inference engine
- \* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
- \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
- \* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
- \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
- \* Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
- \* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

\*\*\*\*\*/

Found in path(s):

- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ArrayBinding.java

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- \* Stephan Herrmann - Contributions for
- \* bug 349326 - [1.7] new warning for missing try-with-resources

- \* bug 186342 - [compiler][null] Using annotations for null checking
- \* bug 365519 - editorial cleanup after bug 186342 and bug 365387
- \* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
- \* bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
- \* bug 383368 - [compiler][null] syntactic null analysis for field references
- \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
- \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
- \* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
- \* Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this location
- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
- \* Jesper S Moller <jesper@selskabet.org> - Contributions for
- \* bug 378674 - "The method can be declared as static" is wrong

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/MethodDeclaration.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IBinaryAnnotation.java

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*     Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*****/
```

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```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/ExpressionContext.java
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*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
```

```
*****/
```

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```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/flow/SwitchFlowContext.java
```

```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.  
\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables  
\*\*\*\*\*/

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jar/org/eclipse/jdt/internal/compiler/lookup/BaseTypeBinding.java  
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\* Bug 428811 - [1.8][compiler] Type witness unnecessarily required  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/PolyTypeBinding.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocModuleReference.java

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*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*     Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*     Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
*****/
```

```
Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*   Luiz-Otavio Zorzella <zorzella at gmail dot com> - Improve CamelCase algorithm
*   Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete
suggestions
*   Stefan Xenos <sxenos@gmail.com> (Google) - Bug 501283 - Lots of hash collisions during indexing
*****/
```

```
Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*     Bug 473178
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\* bug 365662 - [compiler][null] warn on contradictory and redundant null annotations  
\* bug 401030 - [1.8][null] Null analysis support for lambda methods.  
\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations  
\*\*\*\*\*/

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\* bug 292478 - Report potentially null across variable assignment  
\* bug 332637 - Dead Code detection removing code that isn't dead  
\* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional  
\* Bug 411964 - [1.8][null] leverage null type annotation in foreach statement  
\* Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment

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* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
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```

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 \* bug 365519 - editorial cleanup after bug 186342 and bug 365387  
 \* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK  
 \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
 \* Bug 414380 - [compiler][internal] QualifiedNameReference#indexOfFirstFieldBinding does not point to the first  
 field  
 \* Bug 458396 - NPE in CodeStream.invoke()  
 \* Jesper S Moller - Contributions for  
 \* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment  
 \* bug 331649 - [compiler][null] consider null annotations for fields  
 \* bug 383368 - [compiler][null] syntactic null analysis for field references  
 \* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check  
 \* Jesper S Moller <jesper@selskabet.org> - Contributions for  
 \* bug 378674 - "The method can be declared as static" is wrong  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/ast/QualifiedNameReference.java

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\* wharley@bea.com - initial API and implementation

\* IBM Corporation - Fix for bug 341494

\* IBM Corporation - Fix for bug 328575

\* IBM Corporation - Java 8 support  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/ElementsImpl.java  
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\* Stephan Herrmann - Contributions for

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 358903 - Filter practically unimportant resource leak warnings

\* bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account

\* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions

\* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),

Collection#remove(Object) et al.

\* Jesper S Moller <jesper@selskabet.org> - Contributions for

\* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable

\* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for

\* bug 386692 - Missing "unused" warning on "autowired" fields

\* Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for

\* bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown when using MethodSource

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/TypeIds.java

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- \* Stephan Herrmann - Contributions for
  - \* bug 349326 - [1.7] new warning for missing try-with-resources
  - \* bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points
  - \* bug 358903 - Filter practically unimportant resource leak warnings
  - \* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
  - \* bug 370639 - [compiler][resource] restore the default for resource leak warnings
  - \* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
  - \* bug 379784 - [compiler] "Method can be static" is not getting reported
  - \* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
  - \* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
  - \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
  - \* Bug 371614 - [compiler][resource] Wrong "resource leak" problem on return/throw inside while loop
  - \* Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
  - \* Bug 444964 - [1.7+][resource] False resource leak warning (try-with-resources for ByteArrayOutputStream - return inside for loop)
  - \* Bug 396575 - [compiler][resources] Incorrect Errors/Warnings check for potential resource leak when surrounding with try-catch
- \* Jesper S Moller <jesper@selskabet.org> - Contributions for
  - \* bug 378674 - "The method can be declared as static" is wrong
- \* Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it extends the outer class

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/BlockScope.java

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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*     bug 185682 - Increment/decrement operators mark local variables as read
*     bug 331649 - [compiler][null] consider null annotations for fields
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     Bug 412203 - [compiler] Internal compiler error: java.lang.IllegalArgumentException: info cannot be null
*     Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*     Bug 458396 - NPE in CodeStream.invoke()
*   Jesper S Moller - Contributions for
*     Bug 378674 - "The method can be declared as static" is wrong
*   Robert Roth <robert.roth.off@gmail.com> - Contributions for
*     Bug 361039 - NPE in FieldReference.optimizedBooleanConstant
*****/

```

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```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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jar/org/eclipse/jdt/internal/compiler/apt/util/Options.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/tool/ArchiveFileObject.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/util/Util.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/tool/Util.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/util/ArchiveFileObject.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/tool/Archive.java

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*   Stephan Herrmann - Contribution for  
*     Bug 440687 - [compiler][batch][null] improve command line option for external annotations  
*/
```

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredOpensStatement.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredModuleStatement.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredUsesStatement.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashtableOfModule.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredExport.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ExportsStatement.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredProvidesStatement.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredTypeReference.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredExportsStatement.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredPackageVisibilityStatement.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredModuleReference.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredRequiresStatement.java

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\* Jesper Steen Moller - Contributions for:

\* Bug 412149: [1.8][compiler] Emit repeated annotations into the designated container

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* Patrick Wienands <pwienands@abit.de> - Contribution for bug 393749  
* Stephan Herrmann - Contribution for  
* bug 331649 - [compiler][null] consider null annotations for fields  
*/
```

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\* Benjamin Muskalla - Contribution for bug 239066

\* Stephan Herrmann - Contribution for

\* bug 382347 - [1.8][compiler] Compiler accepts incorrect default method inheritance

\* bug 388954 - [1.8][compiler] detect default methods in class files

\* bug 388281 - [compiler][null] inheritance of null annotations as an option

\* bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs to be declared

abstract

\* bug 390883 - [1.8][compiler] Unable to override default method

\* bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method

\* bug 395681 - [compiler] Improve simulation of javac6 behavior from bug 317719 after fixing bug 388795

\* bug 406928 - computation of inherited methods seems damaged (affecting @Overrides)

\* bug 409473 - [compiler] JDT cannot compile against JRE 1.8

\* Bug 420080 - [1.8] Overridden Default method is reported as duplicated

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/BranchStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocAllocationExpression.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ProblemPackageBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocMessageSend.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/ClassFormatException.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/ConflictedParser.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/diagnose/DiagnoseParser.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/TerminalTokens.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/core/compiler/CategorizedProblem.java  
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 \* Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking  
 \* Jesper Steen Moeller - Contribution for bug 406973 - [compiler] Parse MethodParameters attribute  
 \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
 \* Bug 407191 - [1.8] Binary access support for type annotations  
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 \* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for  
 \* Bug 328281 - visibility leaks not detected when analyzing unused field in private class  
 \* Bug 300576 - NPE Computing type hierarchy when compliance doesn't match libraries  
 \* Bug 354536 - compiling package-info.java still depends on the order of compilation units  
 \* Bug 349326 - [1.7] new warning for missing try-with-resources  
 \* Bug 358903 - Filter practically unimportant resource leak warnings  
 \* Bug 395977 - [compiler][resource] Resource leak warning behavior possibly incorrect for anonymous inner class  
 \* Bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.  
 \* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables  
 \* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource  
 \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
 \* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class  
 \* Bug 444024 - [1.8][compiler][null] Type mismatch error in annotation generics assignment which happens "sometimes"  
 \* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()  
 \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
 \* Bug 415821 - [1.8][compiler] CLASS\_EXTENDS target type annotation missing for anonymous

classes

- \* het@google.com - Bug 456986 - Bogus error when annotation processor generates annotation type
- \* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
- \* Bug 473178

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ClassScope.java

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\* Stephan Herrmann - Contributions for

\* bug 343713 - [compiler] bogus line number in constructor of inner class in 1.5 compliance

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 361407 - Resource leak warning when resource is assigned to a field outside of constructor

\* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK

\* bug 383690 - [compiler] location of error re uninitialized final field should be aligned

\* bug 331649 - [compiler][null] consider null annotations for fields

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables

\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code

generator

\* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for

\* bug 386692 - Missing "unused" warning on "autowired" fields

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jar/org/eclipse/jdt/internal/compiler/ast/UnlikelyArgumentCheck.java
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*     bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/AssertStatement.java
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 \* Nikolay Metchev (nikolaymetchev@gmail.com) - Contributions for  
 \* bug 411098 - [compiler][resource] Invalid Resource Leak Warning using ternary operator inside try-with-resource  
 \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/FakedTrackingVariable.java  
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 \* bug 349326 - [1.7] new warning for missing try-with-resources  
 \* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
 \* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.  
 \* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files  
 \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
 \* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations  
 \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
 \* Bug 412076 - [compiler] @NonNullByDefault doesn't work for varargs parameter when in generic interface  
 \* Bug 403216 - [1.8][null] TypeReference#captureTypeAnnotations treats type annotations as type argument annotations  
 \* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled  
 \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
 \* Bug 416175 - [1.8][compiler][null] NPE with a code snippet that used null annotations on wildcards  
 \* Bug 416174 - [1.8][compiler][null] Bogus name clash error with null annotations  
 \* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables  
 \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
 \* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"  
 \* Bug 425278 - [1.8][compiler] Suspect error: The target type of this expression is not a well formed parameterized



type due to bound(s) mismatch

- \* Bug 425798 - [1.8][compiler] Another NPE in ConstraintTypeFormula.reduceSubType
- \* Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
- \* Bug 426563 - [1.8] AIOOBE when method with error invoked with lambda expression as argument
- \* Bug 426792 - [1.8][inference][impl] generify new type inference engine
- \* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>
- \* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
- \* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
- \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
- \* Bug 438179 - [1.8][null] 'Contradictory null annotations' error on type variable with explicit null-annotation.
- \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
- \* Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
- \* Bug 390064 - [compiler][resource] Resource leak warning missing when extending parameterized class
- \* Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
- \* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

\*\*\*\*\*/

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedTypeBinding.java

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/SortedCharArrays.java

- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/SortedSimpleNameVector.java

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*     bug 349326 - [1.7] new warning for missing try-with-resources
*     bug 370930 - NonNull annotation not considered for enhanced for loops
*     bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 393719 - [compiler] inconsistent warnings on iteration variables
*     Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*     Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*   Jesper S Moller - Contribution for
*     bug 401853 - Eclipse Java compiler creates invalid bytecode (java.lang.VerifyError)
*     bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*****/

```

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*****/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ArrayQualifiedTypeReference.java  
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\* bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points  
\* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK  
\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
\* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ThrowStatement.java  
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*     bug 185682 - Increment/decrement operators mark local variables as read
*     bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*     bug 331649 - [compiler][null] consider null annotations for fields
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*     Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*****/

```

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```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/Reference.java
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*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*     bug 407191 - [1.8] Binary access support for type annotations
*   Stephan Herrmann - Contribution for
*     Bug 440474 - [null] textual encoding of external null annotations
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jar/org/eclipse/jdt/internal/compiler/env/IBinaryType.java

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\* Stephan Herrmann - Contributions for

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

\* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"

\* Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this location

\* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly

\*/

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\* Bug 473178

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/LongLiteral.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/FloatLiteral.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/IntLiteralMinValue.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/InferenceContext.java

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*     bug 349326 - [1.7] new warning for missing try-with-resources
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
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*     Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/WhileStatement.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/ForStatement.java

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\* IBM Corporation - Fix for bug 328575  
\* het@google.com - Bug 415274 - Annotation processing throws a NPE in getElementAnnotatedWith()  
\*\*\*\*\*/

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\* Stephan Herrmann - Contribution for

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds

\* Bug 441797 - [1.8] synchronize type annotations on capture and its wildcard

\* Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability



analysis

- \* Bug 456924 - StackOverflowError during compilation
- \* Bug 462790 - [null] NPE in Expression.computeConversion()
- \* Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
- \* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

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Found in path(s):

- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/CaptureBinding.java

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ReferenceBindingSetWrapper.java

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\* Contributors:

\* IBM Corporation - initial API and implementation

\* Stephen Herrmann <stephan@cs.tu-berlin.de> - Contributions for

\* bug 317046 - Exception during debugging when hover mouse over a field

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types

\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations

\* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"

\* Bug 424712 - [1.8][compiler] NPE in TypeBinding.isProvablyDistinctTypeArgument

\* Bug 426792 - [1.8][inference][impl] generify new type inference engine

\* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler

\* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"

\* Bug 427626 - [1.8] StackOverflow while typing new ArrayList<String>().toArray( and asking for code completion

\* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.

\* Bug 435962 - [RC2] StackOverFlowError when building

\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables

\* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable

\* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull

\* Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations

\* Jesper S Moller <jesper@selskabet.org> - Contributions for

- \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
- \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/TypeBinding.java

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- \* IBM Corporation - initial API and implementation
- \* Stephan Herrmann - Contributions for
  - \* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
  - \* bug 349326 - [1.7] new warning for missing try-with-resources
  - \* bug 265744 - Enum switch should warn about missing default
  - \* bug 374605 - Unreasonable warning for enum-based switch statements
  - \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/SwitchStatement.java

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- \* IBM Corporation - initial API and implementation
- \* Tom Tromey - patch for readTable(String) as described in [http://bugs.eclipse.org/bugs/show\\_bug.cgi?id=32196](http://bugs.eclipse.org/bugs/show_bug.cgi?id=32196)

- \* Stephan Herrmann - Contributions for
- \* bug 366003 - CCE in ASTNode.resolveAnnotations(ASTNode.java:639)
- \* bug 374605 - Unreasonable warning for enum-based switch statements
- \* bug 393719 - [compiler] inconsistent warnings on iteration variables
- \* bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
- \* bug 383973 - [1.8][compiler] syntax recovery in the presence of default methods
- \* bug 401035 - [1.8] A few tests have started failing recently
- \* Jesper S Moller - Contributions for
- \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
- \* bug 399695 - [1.8][compiler] [1.8][compiler] migrate parser to other syntax for default methods
- \* bug 384567 - [1.5][compiler] Compiler accepts illegal modifiers on package declaration
- \* bug 393192 - Incomplete type hierarchy with > 10 annotations
- \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
- \* Andy Clement - Contributions for
- \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
- \* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
- \* Bug 415821 - [1.8][compiler] CLASS\_EXTENDS target type annotation missing for anonymous classes

\*\*\*\*\*/

Found in path(s):

- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/Parser.java

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- \* Contributors:
- \* tyeung@bea.com - initial API and implementation
- \* olivier\_thomann@ca.ibm.com - add hashCode() and equals(..) methods

\*\*\*\*\*/

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ClassSignature.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/EnumConstantSignature.java

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/classfmt/NonNullDefaultAwareTypeAnnotationWalker.java
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*   Stephan Herrmann - Contribution for
*   Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/JavadocImplicitTypeReference.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/ElementValuePair.java
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*     Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*     Bug 473178
*****/
```

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/batch/ClasspathDirectory.java  
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*   Perry James - nullStatus method improvement (165346)
*   Stephan Herrmann - Contribution for
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*****/
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jar/org/eclipse/jdt/internal/compiler/ast/OperatorExpression.java  
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*     bug 186342 - [compiler][null] Using annotations for null checking
*     bug 367203 - [compiler][null] detect assigning null to nonnull argument
*     bug 365519 - editorial cleanup after bug 186342 and bug 365387
*     bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*     bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*     bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     bug 388281 - [compiler][null] inheritance of null annotations as an option
*     bug 401030 - [1.8][null] Null analysis support for lambda methods.
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*     Bug 403216 - [1.8][null] TypeReference#captureTypeAnnotations treats type annotations as type argument
    annotations
*     Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.
*     Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*     Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*     Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*     Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*****/

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*   Stephan Herrmann - Contribution for
*     Bug 458396 - NPE in CodeStream.invoke()

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/problem/ProblemHandler.java

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* wharley@bea.com - initial API and implementation  
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jar/org/eclipse/jdt/internal/compiler/apt/dispatch/ProcessorInfo.java
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jar/org/eclipse/jdt/internal/compiler/apt/model/TypeElementImpl.java
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 \* Stephan Herrmann - Contributions for  
 \* bug 292478 - Report potentially null across variable assignment  
 \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
 \* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types  
 \* bug 331649 - [compiler][null] consider null annotations for fields  
 \* bug 383368 - [compiler][null] syntactic null analysis for field references  
 \* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic  
 \* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check  
 \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking  
 \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
 \* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.  
 \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
 \* Bug 426792 - [1.8][inference][impl] generify new type inference engine  
 \* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"  
 \* Bug 427438 - [1.8][compiler] NPE at  
 org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
 \* Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?  
 \* Bug 428274 - [1.8] [compiler] Cannot cast from Number to double  
 \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface  
 \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression  
 \* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for  
 \* Bug 473178

\*\*\*\*\*/

Found in path(s):

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- \* Contributors:
- \* IBM Corporation - initial API and implementation
- \* Stephan Herrmann - contributions for
  - \* bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment
  - \* bug 186342 - [compiler][null] Using annotations for null checking
  - \* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
  - \* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
  - \* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
  - \* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
  - \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
  - \* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
  - \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
  - \* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
  - \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
  - \* Bug 416183 - [1.8][compiler][null] Overload resolution fails with null annotations
  - \* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
  - \* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
  - \* Bug 416190 - [1.8][null] detect incompatible overrides due to null type annotations
  - \* Bug 424624 - [1.8][null] if a static-object with annotation @NonNull is used, a warning is shown
  - \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
  - \* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
  - \* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
  - \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
  - \* Bug 453475 - [1.8][null] Contradictory null annotations (4.5 M3 edition)
  - \* Bug 457079 - Regression: type inference
  - \* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
  - \* Bug 455180 - IllegalStateException in AnnotatableTypeSystem.getRawType
  - \* Bug 470467 - [null] Nullness of special Enum methods not detected from .class file

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\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
\* Bug 427438 - [1.8][compiler] NPE at  
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
\*\*\*\*\*/

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\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
work)  
\* Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array  
\* Bug 409517 - [1.8][compiler] Type annotation problems on more elaborate array references  
\* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation  
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- \* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
- \* bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
- \* bug 292478 - Report potentially null across variable assignment
- \* bug 335093 - [compiler][null] minimal hook for future null annotation support
- \* bug 349326 - [1.7] new warning for missing try-with-resources
- \* bug 186342 - [compiler][null] Using annotations for null checking
- \* bug 358903 - Filter practically unimportant resource leak warnings
- \* bug 370639 - [compiler][resource] restore the default for resource leak warnings
- \* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
- \* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
- \* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
- \* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
- \* bug 383368 - [compiler][null] syntactic null analysis for field references
- \* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
- \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
- \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
- \* Bug 427438 - [1.8][compiler] NPE at  
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
- \* Bug 430150 - [1.8][null] stricter checking against type variables
- \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
- \* Jesper S Moller - Contributions for
- \* Bug 378674 - "The method can be declared as static" is wrong
- \* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
- \* Bug 529556 - [18.3] Add content assist support for 'var' as a type
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
- \* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
- \* Bug 426616 - [1.8][compiler] Type Annotations, multiple problems

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\* [het@google.com](mailto:het@google.com) - Bug 441790

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/AnnotationValueImpl.java

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\* (originally in org.eclipse.jdt.apt.core)

\* IBM Corporation - Bug 513790

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/ManyToMany.java

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/IQualifiedTypeResolutionListener.java

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*   Jesper S Moller - Contributions for
*     bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*     Bug 384687 - [1.8] Wildcard type arguments should be rejected for lambda and reference
expressions
*     Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*   Stephan Herrmann - Contribution for
*     bug 402028 - [1.8][compiler] null analysis for reference expressions
*     bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super via I.super.m() syntax
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*     Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*     Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*     Bug 424637 - [1.8][compiler][null] AIOOB in ReferenceExpression.resolveType with a method reference to
Files::walk
*     Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*     Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
*     Bug 427196 - [1.8][compiler] Compiler error for method reference to overloaded method
*     Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

```

- \* Bug 428264 - [1.8] method reference of generic class causes problems (wrong inference result or NPE)
- \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
- \* Bug 426537 - [1.8][inference] Eclipse compiler thinks I<? super J> is compatible with I<J<?>> - raw type J involved
- \* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
- \* Bug 435689 - [1.8][inference] Type inference not occurring with lambda expression and method reference
- \* Bug 438383 - [1.8][null] Bogus warning: Null type safety at method return type
- \* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
- \* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
- \* Bug 438945 - [1.8] NullPointerException InferenceContext18.checkExpression in java 8 with generics, primitives, and overloading
- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 448709 - [1.8][null] ensure we don't infer types that violate null constraints on a type parameter's bound
- \* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
- \* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
- \* Bug 470542 - NullPointerException in ReferenceExpression.isPotentiallyCompatibleWith (962)
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contribution for
- \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ReferenceExpression.java

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 \* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for  
 \* bug 185682 - Increment/decrement operators mark local variables as read  
 \* bug 349326 - [1.7] new warning for missing try-with-resources  
 \* bug 186342 - [compiler][null] Using annotations for null checking  
 \* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations  
 \* bug 331649 - [compiler][null] consider null annotations for fields  
 \* Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis  
 \* Jesper S Møller <jesper@selskabet.org> - Contributions for  
 \* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type  
 \*

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 \* Contributors:  
 \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
 \* Bug 407191 - [1.8] Binary access support for type annotations

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 \*     bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE  
 \*     bug 349326 - [1.7] new warning for missing try-with-resources  
 \*     bug 186342 - [compiler][null] Using annotations for null checking  
 \*     bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK  
 \*     bug 370639 - [compiler][resource] restore the default for resource leak warnings  
 \*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
 \*     bug 388996 - [compiler][resource] Incorrect 'potential resource leak'  
 \*     bug 395977 - [compiler][resource] Resource leak warning behavior possibly incorrect for anonymous inner class  
 \*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred  
 checking  
 \*     Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled  
 \*     Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
 \*     Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.  
 \*     Bug 416267 - NPE in QualifiedAllocationExpression.resolveType  
 \*     Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
 \*     Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.  
 \*     Bug 427438 - [1.8][compiler] NPE at  
 org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
 \*     Jesper S Moller <jesper@selskabet.org> - Contributions for  
 \*     bug 378674 - "The method can be declared as static" is wrong  
 \*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
 \*     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
 work)  
 \*     Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic  
 bridge method  
 \*     Till Brychcy - Contributions for  
 \*     bug 413460 - NonNullByDefault is not inherited to Constructors when accessed via Class File  
 \*\*\*\*\*/  
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- \* bug 349326 - [1.7] new warning for missing try-with-resources
- \* bug 186342 - [compiler][null] Using annotations for null checking
- \* bug 364890 - BinaryTypeBinding should use char constants from Util
- \* bug 365387 - [compiler][null] bug 186342: Issues to follow up post review and verification.
- \* bug 358903 - Filter practically unimportant resource leak warnings
- \* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
- \* bug 388800 - [1.8][compiler] detect default methods in class files
- \* bug 388281 - [compiler][null] inheritance of null annotations as an option
- \* bug 331649 - [compiler][null] consider null annotations for fields
- \* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
- \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
- \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
- \* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
- \* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
- \* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
- \* Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE\_USE locations
- \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
- \* Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
- \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
- \* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
- \* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
- \* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
- \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 453475 - [1.8][null] Contradictory null annotations (4.5 M3 edition)
- \* Bug 454182 - Internal compiler error when using 1.8 compliance for simple project
- \* Bug 470467 - [null] Nullness of special Enum methods not detected from .class file
- \* Bug 447661 - [1.8][null] Incorrect 'expression needs unchecked conversion' warning
- \* Jesper Steen Moller - Contributions for
- \* Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing
- \* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
- \* Sebastian Zarnekow - Contributions for
- \* bug 544921 - [performance] Poor performance with large source files
- \* Alexander Lehmann - Contributions for
- \* bug 566258 - Intermittent NPE in APT RoundDispatcher
- \*\*\*\*\*/

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\* Benjamin Muskalla - Contribution for bug 239066

\* Stephan Herrmann - Contributions for

\* bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used

\* bug 295551 - Add option to automatically promote all warnings to errors

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 370639 - [compiler][resource] restore the default for resource leak warnings

\* bug 366063 - Compiler should not add synthetic @NonNull annotations

\* bug 374605 - Unreasonable warning for enum-based switch statements

\* bug 388281 - [compiler][null] inheritance of null annotations as an option

\* bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations

- \* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
- \* Jesper Steen Moller - Contributions for
- \* bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code
- \* bug 407297 - [1.8][compiler] Control generation of parameter names by option

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- \* Stephan Herrmann - Contributions for
- \* bug 366003 - CCE in ASTNode.resolveAnnotations(ASTNode.java:639)
- \* bug 383973 - [1.8][compiler] syntax recovery in the presence of default methods

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\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 331649 - [compiler][null] consider null annotations for fields

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions

\* bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields

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*     bug 349326 - [1.7] new warning for missing try-with-resources  
*     bug 186342 - [compiler][null] Using annotations for null checking  
*     bug 365519 - editorial cleanup after bug 186342 and bug 365387  
*     bug 358903 - Filter practically unimportant resource leak warnings  
*     bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults  
*     bug 388281 - [compiler][null] inheritance of null annotations as an option  
*     bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.  
*     bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types  
*     bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account  
*     bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions  
*     bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files  
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
*     Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations  
*     Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
```

- \* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
- \* Bug 426792 - [1.8][inference][impl] generify new type inference engine
- \* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
- \* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
- \* Bug 418743 - [1.8][null] contradictory annotations on invocation of generic method not reported
- \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
- \* Bug 431581 - Eclipse compiles what it should not
- \* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 446442 - [1.8] merge null annotations from super methods
- \* Bug 456532 - [1.8][null] ReferenceBinding.appendNullAnnotation() includes phantom annotations in error messages
- \* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
- \* Jesper S Moller - Contributions for
  - \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
  - \* bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
  - \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
- \* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
  - \* bug 386692 - Missing "unused" warning on "autowired" fields
- \* Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
  - \* bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown when using MethodSource
- \* Sebastian Zarnekow - Contributions for
  - \* bug 544921 - [performance] Poor performance with large source files

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/PolyParameterizedGenericMethodBinding.java

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*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*     Bug 407191 - [1.8] Binary access support for type annotations
*****/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/env/IBinaryField.java

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* Contributors:
* wharley@bea.com - initial API and implementation
* IBM Corporation - fix for 342598
* IBM Corporation - Java 8 support
* het@google.com - Bug 427943 - The method
org.eclipse.jdt.internal.compiler.apt.model.Factory.getPrimitiveType does not throw IllegalArgumentException
*****/
```

Found in path(s):

```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/apt/model/Factory.java
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*Contributors:
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* Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
*****/
```

Found in path(s):

```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/Initializer.java
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\* Stephan Herrmann - Contributions for  
\* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE  
\* bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields  
\* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking  
\* Bug 422796 - [compiler][null] boxed boolean reported as potentially null after null test in lazy disjunction  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/AND\_AND\_Expression.java  
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\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files  
\* Bug 416174 - [1.8][compiler][null] Bogus name clash error with null annotations  
\* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables  
\* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"  
\* Bug 425783 - An internal error occurred during: "Requesting Java AST from selection".  
java.lang.StackOverflowError  
\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables  
\* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull  
\*\*\*\*\*/

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 \* Jesper S Moller - Contributions for  
 \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression  
 \* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment  
 \* Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)  
 \* Stephan Herrmann - Contribution for  
 \* bug 401030 - [1.8][null] Null analysis support for lambda methods.  
 \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
 \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
 \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
 \* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"  
 \* Bug 425142 - [1.8][compiler] NPE in ConstraintTypeFormula.reduceSubType  
 \* Bug 425153 - [1.8] Having wildcard allows incompatible types in a lambda expression  
 \* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation  
 \* Bug 425798 - [1.8][compiler] Another NPE in ConstraintTypeFormula.reduceSubType  
 \* Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error  
 \* Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.  
 \* Bug 426563 - [1.8] AIOOBE when method with error invoked with lambda expression as argument  
 \* Bug 420525 - [1.8] [compiler] Incorrect error "The type Integer does not define sum(Object, Object) that is applicable here"  
 \* Bug 427438 - [1.8][compiler] NPE at  
 org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
 \* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>  
 \* Bug 428786 - [1.8][compiler] Inference needs to compute the "ground target type" when reducing a lambda compatibility constraint  
 \* Bug 428980 - [1.8][null] simple expression as lambda body doesn't leverage null annotation on argument  
 \* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)  
 \* Bug 432110 - [1.8][compiler] nested lambda type incorrectly inferred vs javac  
 \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables  
 \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull  
 \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression  
 \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops  
 \* Bug 455723 - Nonnull argument not correctly inferred in loop  
 \* Bug 463728 - [1.8][compiler][inference] Ternary operator in lambda derives wrong type  
 \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
 \* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas  
 \*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/LambdaExpression.java

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\* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 361407 - Resource leak warning when resource is assigned to a field outside of constructor

\* bug 370639 - [compiler][resource] restore the default for resource leak warnings

\* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'

\* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 424710 - [1.8][compiler] CCE in SimpleNameReference.localVariableBinding

\* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.

\* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation

\* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.

\* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context

\* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?

\* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved

\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\* Bug 428352 - [1.8][compiler] Resolution errors don't always surface

\* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic bridge method

/\*\*

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/ast/ExplicitConstructorCall.java

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- \* Stephan Herrmann - Contributions for
  - \* bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
  - \* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
  - \* bug 349326 - [1.7] new warning for missing try-with-resources
  - \* bug 186342 - [compiler][null] Using annotations for null checking
  - \* bug 358903 - Filter practically unimportant resource leak warnings
  - \* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
  - \* bug 370639 - [compiler][resource] restore the default for resource leak warnings
  - \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
  - \* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
  - \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
- \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
- \* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 424727 - [compiler][null] NullPointerException in nullAnnotationUnsupportedLocation(ProblemReporter.java:5708)
- \* Bug 424710 - [1.8][compiler] CCE in SimpleNameReference.localVariableBinding
- \* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
- \* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
- \* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
- \* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
- \* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
- \* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
- \* Bug 424930 - [1.8][compiler] Regression: "Cannot infer type arguments" error from compiler.
- \* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
- \* Bug 427438 - [1.8][compiler] NPE at org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
- \* Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
- \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
- \* Bug 429203 - [1.8][compiler] NPE in AllocationExpression.binding
- \* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)
- \* Bug 434297 - [1.8] NPE in LamdaExpression.analyseCode with lamda expression nested in a conditional expression
- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 448709 - [1.8][null] ensure we don't infer types that violate null constraints on a type parameter's bound
- \* Jesper S Moller <jesper@selskabet.org> - Contributions for

- \* bug 378674 - "The method can be declared as static" is wrong
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
- \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
- \* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic bridge method
- \* Till Brychcy - Contributions for
- \* bug 413460 - NonNullByDefault is not inherited to Constructors when accessed via Class File
- \* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
- \* Bug 473178

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*   Stephan Herrmann - Contribution for
*     Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*     Bug 426676 - [1.8][compiler] Wrong generic method type inferred from lambda expression
*     Bug 426542 - [1.8] Most specific method not picked when one method has intersection type as type parameter
*     Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*     Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas
*   Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*     Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*****/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/IntersectionTypeBinding18.java

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*   Stephan Herrmann - Contributions for
*     Bug 360328 - [compiler][null] detect null problems in nested code (local class inside a loop)
*     Bug 388630 - @NonNull diagnostics at line 0
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*     Bug 424727 - [compiler][null] NullPointerException in
nullAnnotationUnsupportedLocation(ProblemReporter.java:5708)
*     Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*   Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it extends
the outer class

```

\* Pierre-Yves B. <pyvesdev@gmail.com> - Contributions for  
\* Bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown  
when using MethodSource  
\* Bug 546084 - Using Junit 5s MethodSource leads to ClassCastException  
\*\*\*\*\*/

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\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
work)  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/UsesStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/OpensStatement.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/EclipseCompilerRequestor.java  
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Found in path(s):  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/dispatch/AnnotationDiscoveryVisitor.java  
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*   Carmi Grushko - Bug 465048 - Binding is null for class literals in synchronized blocks
*****/

```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/SynchronizedStatement.java
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\* Stephan Herrmann - Contributions for  
\* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE  
\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
\* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred  
checking  
\* Bug 417758 - [1.8][null] Null safety compromise during array creation.  
\* Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varargs  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
work)  
\* Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array

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* Contributors:
* wharley@bea.com - initial API and implementation
* philippe.marschall@netcetera.ch - Fix for 338370
* IBM Corporation - Fix for validating relative name
*****/
```

Found in path(s):  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/dispatch/BatchFileImpl.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/dispatch/RoundDispatcher.java  
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```

- \* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
  - \* bug 185682 - Increment/decrement operators mark local variables as read
  - \* bug 331649 - [compiler][null] consider null annotations for fields
  - \* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.
  - \* Bug 447088 - [null] @Nullable on fully qualified field type is ignored
  - \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
  - \* Bug 458396 - NPE in CodeStream.invoke()
  - \* Bug 446217 - [null] @NonNullByDefault in package-info.java causes bogus "null type safety" warning
  - \* Till Brychcy - Contribution for
  - \* bug 467094 - [1.8][null] TYPE\_USE NullAnnotations of array contents are applied to field.
- \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/FieldBinding.java

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- \* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
- \* Bug 473178

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- \* Stephan Herrmann - Contributions for
- \* bug 335093 - [compiler][null] minimal hook for future null annotation support
- \* bug 349326 - [1.7] new warning for missing try-with-resources
- \* bug 186342 - [compiler][null] Using annotations for null checking
- \* bug 365983 - [compiler][null] AIOOB with null annotation analysis and varargs
- \* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
- \* bug 370930 - NonNull annotation not considered for enhanced for loops
- \* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
- \* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
- \* bug 331649 - [compiler][null] consider null annotations for fields
- \* bug 383368 - [compiler][null] syntactic null analysis for field references
- \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
- \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
- \* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
- \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
- \* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
- \* Bug 417758 - [1.8][null] Null safety compromise during array creation.
- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
- \* Bug 418537 - [1.8][null] Fix null type annotation analysis for poly conditional expressions
- \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
- \* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)
- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
- \* Bug 455723 - Nonnull argument not correctly inferred in loop
- \* Andy Clement - Contributions for
- \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
- \* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Statement.java

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\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/SimpleSetOfCharArray.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/CachedIndexEntry.java  
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\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

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\* wharley@bea.com - initial API and implementation  
\* IBM Corporation - fix for 342598  
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\* bug 186342 - [compiler][null] Using annotations for null checking

- \* bug 365519 - editorial cleanup after bug 186342 and bug 365387
  - \* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
- \*\*\*\*\*/

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\* Stephan Herrmann - contributions for

\* bug 336428 - [compiler][null] bogus warning "redundant null check" in condition of do { } while() loop

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

\* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK

\* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations

\* bug 385626 - @NonNull fails across loop boundaries

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\* bug 376263 - Bogus "Potential null pointer access" warning

\* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking

\* bug 406384 - Internal error with I20130413

\* Bug 415413 - [compiler][null] NullPointerException in Null Analysis caused by interaction of LoopingFlowContext and FinallyFlowContext

\* Bug 453483 - [compiler][null][loop] Improve null analysis for loops

\* Bug 455557 - [jdt] NPE LoopingFlowContext.recordNullReference

\* Bug 455723 - Nonnull argument not correctly inferred in loop

\* Bug 415790 - [compiler][resource] Incorrect potential resource leak warning in for loop with close in try/catch

\* Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment

\* Jesper S Moller - contributions for

\* bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops

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\*/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/LoopingFlowContext.java

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*   IBM Corporation - fix for bug 342757  
*   Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking  
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```

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\* David Foerster - patch for toUpperCase as described in [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=153125](https://bugs.eclipse.org/bugs/show_bug.cgi?id=153125)  
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\* Stephan Herrmann - Contribution for  
\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables  
\*\*\*\*\*

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jar/org/eclipse/jdt/internal/compiler/lookup/VoidTypeBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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\* Stephan Herrmann - Contributions for  
\* bug 186342 - [compiler][null] Using annotations for null checking  
\* bug 387612 - Unreachable catch block...exception is never thrown from the try  
\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.  
\* bug 401456 - Code compiles from javac/intellij, but fails from eclipse  
\* bug 401271 - StackOverflowError when searching for a methods references  
\* bug 405706 - Eclipse compiler fails to give compiler error when return type is a inferred generic  
\* Bug 408441 - Type mismatch using Arrays.asList with 3 or more implementations of an interface with the  
interface type as the last parameter  
\* Bug 413958 - Function override returning inherited Generic Type  
\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
\* Bug 416183 - [1.8][compiler][null] Overload resolution fails with null annotations  
\* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables  
\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
\* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding  
\* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation  
\* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.  
\* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload  
context  
\* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?  
\* Bug 426589 - [1.8][compiler] Compiler error with generic method/constructor invocation as vargs argument  
\* Bug 426590 - [1.8][compiler] Compiler error with ternary operator  
\* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler  
\* Bug 426998 - [1.8][compiler] method(java.lang.Class, java.lang.String) not applicable for the arguments  
(java.lang.Class, java.lang.String)  
\* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"  
\* Bug 427196 - [1.8][compiler] Compiler error for method reference to overloaded method  
\* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved  
\* Bug 427728 - [1.8] Type Inference rejects calls requiring boxing/unboxing  
\* Bug 427218 - [1.8][compiler] Verify error varargs + inference  
\* Bug 426836 - [1.8] special handling for return type in references to method getClass()?



- \* Bug 427628 - [1.8] regression : The method \* is ambiguous for the type \*
- \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
- \* Bug 428366 - [1.8] [compiler] The method valueAt(ObservableList<Object>, int) is ambiguous for the type

Bindings

- \* Bug 424728 - [1.8][null] Unexpected error: The nullness annotation 'XXXX' is not applicable at this location
- \* Bug 428811 - [1.8][compiler] Type witness unnecessarily required
- \* Bug 429424 - [1.8][inference] Problem inferring type of method's parameter
- \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
- \* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
- \* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
- \* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
- \* Bug 452194 - Code no longer compiles in 4.4.1, but with confusing error
- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 456236 - [1.8][null] Cannot infer type when constructor argument is annotated with @Nullable
- \* Bug 437072 - [compiler][null] Null analysis emits possibly incorrect warning for new int[][] despite

@NonNullByDefault

- \* Bug 462083 - [1.8][inference] Java 8 generic return type mismatch with interface involving type parameter.
- \* Jesper S Moller - Contributions for
- \* Bug 378674 - "The method can be declared as static" is wrong
- \* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
- \* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas
- \* Pierre-Yves B. <pyvesdev@gmail.com> - Contributions for
- \* Bug 559618 - No compiler warning for import from same package
- \* Bug 560630 - No warning on unused import on class from same package

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jar/org/eclipse/jdt/internal/compiler/ICompilerRequestor.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/env/AccessRestriction.java  
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jar/org/eclipse/jdt/internal/compiler/parser/diagnose/RangeUtil.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/OperatorIds.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/env/AccessRule.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/FalseLiteral.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/classfmt/ClassFileStruct.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/ProblemBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/HashtableOfIntValues.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/SimpleLookupTable.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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jar/org/eclipse/jdt/internal/compiler/problem/AbortMethod.java  
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jar/org/eclipse/jdt/internal/compiler/problem/ShouldNotImplement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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jar/org/eclipse/jdt/internal/compiler/ast/SubRoutineStatement.java  
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jar/org/eclipse/jdt/internal/compiler/codegen/DoubleCache.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/InnerEmulationDependency.java  
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jar/org/eclipse/jdt/internal/compiler/ast/JavadocReturnStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/problem/AbortCompilationUnit.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/parser/NLSTag.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/SimpleSet.java  
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jar/org/eclipse/jdt/internal/antadapter/AntAdapterMessages.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/problem/AbortType.java  
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jar/org/eclipse/jdt/internal/compiler/util/HashtableOfObjectToInt.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/SyntheticFieldBinding.java  
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jar/org/eclipse/jdt/internal/compiler/codegen/FloatCache.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/ImportConflictBinding.java  
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jar/org/eclipse/jdt/internal/compiler/ast/ExtendedStringLiteral.java  
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jar/org/eclipse/jdt/internal/compiler/codegen/Label.java  
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jar/org/eclipse/jdt/internal/compiler/lookup/AnnotationHolder.java  
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jar/org/eclipse/jdt/internal/compiler/classfmt/InnerClassInfo.java  
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jar/org/eclipse/jdt/internal/compiler/ast/PostfixExpression.java  
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jar/org/eclipse/jdt/internal/compiler/ast/JavadocArrayQualifiedTypeReference.java  
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jar/org/eclipse/jdt/internal/compiler/codegen/IntegerCache.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/ObjectCache.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/lookup/SyntheticArgumentBinding.java  
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jar/org/eclipse/jdt/internal/compiler/ast/MagicLiteral.java  
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jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedFieldBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/HashtableOfObjectToIntArray.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/LongCache.java  
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\* Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile  
\* Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)  
\* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas  
\* Bug 439889 - [1.8][compiler] [lambda] Deserializing lambda fails with IllegalArgumentException:  
"Invalid lambda deserialization"

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*     bug 331649 - [compiler][null] consider null annotations for fields
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug 458396 - NPE in CodeStream.invoke()
*****/
```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*     bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment
*     bug 186342 - [compiler][null] Using annotations for null checking
*****/
```

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```
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\* bug 365519 - editorial cleanup after bug 186342 and bug 365387  
\* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IBinaryNestedType.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IGenericType.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ISourceField.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IGenericField.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ISourceMethod.java  
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*     Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*     Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas
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```
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\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

\* bug 388281 - [compiler][null] inheritance of null annotations as an option

\* bug 388795 - [compiler] detection of name clash depends on order of super interfaces

\* bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs to be declared abstract

\* bug 390883 - [1.8][compiler] Unable to override default method

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* bug 401246 - [1.8][compiler] abstract class method should now trump conflicting default methods



- \* bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
  - \* bug 403867 - [1.8][compiler] Suspect error about duplicate default methods
  - \* bug 391376 - [1.8] check interaction of default methods with bridge methods and generics
  - \* bug 395681 - [compiler] Improve simulation of javac6 behavior from bug 317719 after fixing bug 388795
  - \* bug 409473 - [compiler] JDT cannot compile against JRE 1.8
  - \* Bug 420080 - [1.8] Overridden Default method is reported as duplicated
  - \* Bug 404690 - [1.8][compiler] revisit bridge generation after VM bug is fixed
  - \* Bug 410325 - [1.7][compiler] Generified method override different between javac and eclipse compiler
  - \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
  - \* Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
  - \* Bug 440773 - [1.8][null]DefaultLocation.RETURN\_TYPE erroneously affects method parameters in @NonNullByDefault
  - \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
  - \* Bug 446442 - [1.8] merge null annotations from super methods
- \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MethodVerifier15.java

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*     Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*     Bug 433478 - [compiler][null] NPE in ReferenceBinding.isCompatibleWith
*****/
```

Found in path(s):

```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/ProblemMethodBinding.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/batch/FileFinder.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/util/Messages.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/parser/RecoveredInitializer.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/MemberTypeBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/problem/ProblemSeverities.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/util/SuffixConstants.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/SourceTypeCollisionException.java
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 \* Benjamin Muskalla - Contribution for bug 239066  
 \* Stephan Herrmann - Contributions for  
 \*   bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used  
 \*   bug 338303 - Warning about Redundant assignment conflicts with definite assignment  
 \*   bug 349326 - [1.7] new warning for missing try-with-resources  
 \*   bug 186342 - [compiler][null] Using annotations for null checking  
 \*   bug 365519 - editorial cleanup after bug 186342 and bug 365387  
 \*   bug 365662 - [compiler][null] warn on contradictory and redundant null annotations  
 \*   bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults  
 \*   bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations  
 \*   bug 374605 - Unreasonable warning for enum-based switch statements  
 \*   bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.  
 \*   bug 382347 - [1.8][compiler] Compiler accepts incorrect default method inheritance  
 \*   bug 388281 - [compiler][null] inheritance of null annotations as an option  
 \*   bug 376053 - [compiler][resource] Strange potential resource leak problems  
 \*   bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated  
 \*   bug 393719 - [compiler] inconsistent warnings on iteration variables  
 \*   bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types  
 \*   bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs to be declared  
 abstract  
 \*   bug 331649 - [compiler][null] consider null annotations for fields  
 \*   bug 382789 - [compiler][null] warn when syntactically-nonnull expression is compared against null  
 \*   bug 376590 - Private fields with @Inject are ignored by unused field validation  
 \*   bug 400761 - [compiler][null] null may be return as boolean without a diagnostic  
 \*   bug 402028 - [1.8][compiler] null analysis for reference expressions  
 \*   bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method  
 \*   bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super  
 \*   bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files  
 \*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
 \*   Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
 \*   Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations  
 \*   Bug 415850 - [1.8] Ensure RunJDTCORETests can cope with null annotations enabled  
 \*   Bug 414380 - [compiler][internal] QualifiedNameReference#indexOfFirstFieldBinding does not point to the first  
 field  
 \*   Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
 \*   Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking  
 \*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
 \*   Bug 424637 - [1.8][compiler][null] AIOOB in ReferenceExpression.resolveType with a method reference to

Files::walk

- \* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>
- \* Bug 428366 - [1.8] [compiler] The method valueAt(ObservableList<Object>, int) is ambiguous for the type

#### Bindings

- \* Bug 416190 - [1.8][null] detect incompatible overrides due to null type annotations
- \* Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE\_USE locations
- \* Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
- \* Bug 430150 - [1.8][null] stricter checking against type variables
- \* Bug 434600 - Incorrect null analysis error reporting on type parameters
- \* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
- \* Bug 438467 - [compiler][null] Better error position for "The method \_ cannot implement the corresponding method \_ due to incompatible nullness constraints"
- \* Bug 439298 - [null] "Missing code implementation in the compiler" when using @NonNullByDefault in package-info.java
- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 446442 - [1.8] merge null annotations from super methods
- \* Bug 455723 - Nonnull argument not correctly inferred in loop
- \* Bug 458361 - [1.8][null] reconciler throws NPE in ProblemReporter.illegalReturnRedefinition()
- \* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
- \* Bug 461878 - [1.7][1.8][compiler][null] ECJ compiler does not allow to use null annotations on annotations
- \* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),

#### Collection#remove(Object) et al.

- \* Jesper S Moller <jesper@selskabet.org> - Contributions for
- \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
- \* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
- \* bug 384567 - [1.5][compiler] Compiler accepts illegal modifiers on package declaration
- \* bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
- \* bug 412151 - [1.8][compiler] Check repeating annotation's collection type
- \* bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of annotation it contains
- \* Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
- \* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
- \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
- \* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
- \* bug 386692 - Missing "unused" warning on "autowired" fields

\*\*\*\*\*/

#### Found in path(s):

- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/ProblemReporter.java
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jar/org/eclipse/jdt/internal/compiler/env/ITypeAnnotationWalker.java  
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\* IBM Corporation - initial API and implementation  
\* Nick Teryaev - fix for bug ([https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=40752](https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752))  
\* Stephan Herrmann - Contributions for  
\* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE  
\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.  
\* bug 383368 - [compiler][null] syntactic null analysis for field references  
\* bug 401017 - [compiler][null] casted reference to @Nullable field lacks a warning  
\* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic  
\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
\* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking  
\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
\* Bug 427438 - [1.8][compiler] NPE at  
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
\* Bug 430150 - [1.8][null] stricter checking against type variables  
\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations  
\* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null  
\* Andy Clement (GoPivotal, Inc) [aclement@gopivotal.com](mailto:aclement@gopivotal.com) - Contributions for  
\* Bug 415541 - [1.8][compiler] Type annotations in the body of static initializer get dropped  
\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/CastExpression.java

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*     Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*     Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*****/

```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/batch/ClasspathJar.java

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*     bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*     Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*****/

```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/DoStatement.java

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*     bug 186342 - [compiler][null] Using annotations for null checking
*     bug 365519 - editorial cleanup after bug 186342 and bug 365387
*     bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*     bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*     bug 385626 - @NonNull fails across loop boundaries
*     bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*     Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*     Bug 455723 - Nonnull argument not correctly inferred in loop
*     Jesper S Moller - Contributions for
*     bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
*****/

```

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/flow/FinallyFlowContext.java

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/ByteConstant.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/AccessRuleSet.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/DoubleConstant.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/FloatConstant.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/CharConstant.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/StringConstant.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/BooleanConstant.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/LongConstant.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashtableOfObject.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocArgumentExpression.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/ShortConstant.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/IntConstant.java

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- \* IBM Corporation - Contribution for bug 188796

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*   Stephan Herrmann - Contribution for
*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*       Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
*****/

```

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`/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/IntersectionCastTypeReference.java`

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 \* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults  
 \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
 \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
 \* Jesper Steen Moller - Contributions for  
 \* Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing  
 \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/Binding.java

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jar/org/eclipse/jdt/internal/compiler/ast/SwitchExpression.java

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\* Bug 365992 - [builder] [null] Change of nullness for a parameter doesn't trigger a build for the files that call the method

\* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation

\* Bug 440687 - [compiler][batch][null] improve command line option for external annotations

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* bug 407191 - [1.8] Binary access support for type annotations

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\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
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Found in path(s):

- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocQualifiedTypeReference.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocSingleTypeReference.java

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/EclipseCompiler.java

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/AnnotationBinding.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/parser/AbstractCommentParser.java

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\* Contributors:

\* Stephan Herrmann - initial API and implementation

\* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for

\* Bug 473178

\* IBM Corporation - Bug fixes

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jar/org/eclipse/jdt/internal/compiler/lookup/BoundSet.java

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\* het@google.com - Bug 441790

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jar/org/eclipse/jdt/internal/compiler/apt/model/AnnotationMirrorImpl.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ISourceType.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ImportBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ASTVisitor.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/JavadocTagConstants.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MissingTypeBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/JavadocParser.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ImportReference.java

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\* Contributors:  
\* IBM Corporation - initial API and implementation  
\* Genady Beriozkin - added support for reporting assignment with no effect  
\* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for  
\* bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE  
\* bug 292478 - Report potentially null across variable assignment  
\* bug 335093 - [compiler][null] minimal hook for future null annotation support  
\* bug 349326 - [1.7] new warning for missing try-with-resources  
\* bug 186342 - [compiler][null] Using annotations for null checking  
\* bug 358903 - Filter practically unimportant resource leak warnings

- \* bug 370639 - [compiler][resource] restore the default for resource leak warnings
  - \* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
  - \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
  - \* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
  - \* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
  - \* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
  - \* bug 331649 - [compiler][null] consider null annotations for fields
  - \* bug 383368 - [compiler][null] syntactic null analysis for field references
  - \* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
  - \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
  - \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
  - \* Bug 427438 - [1.8][compiler] NPE at org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
  - \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
  - \* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
- \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Assignment.java

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\* Jesper S Moller - Bug 392671

\* NPE with a method with explicit this and a following incomplete parameter

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredMethod.java

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\* tyeung@bea.com - initial API and implementation  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/AnnotationMethodInfo.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/AnnotationMethodInfoWithAnnotations.java

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\* Contributors:  
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\* Stephan Herrmann - Contribution for  
\* bug 400710 - [1.8][compiler] synthetic access to default method generates wrong code  
\* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()  
\* Bug 470467 - [null] Nullness of special Enum methods not detected from .class file  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas  
\*\*\*\*\*/

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jar/org/eclipse/jdt/internal/compiler/apt/dispatch/BatchAnnotationProcessorManager.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/apt/model/ElementImpl.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ClassFilePool.java
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\* Stephen Herrmann <stephan@cs.tu-berlin.de> - Contributions for

\* bug 133125 - [compiler][null] need to report the null status of expressions and analyze them simultaneously

\* bug 292478 - Report potentially null across variable assignment

\* bug 324178 - [null] ConditionalExpression.nullStatus(..) doesn't take into account the analysis of condition itself

\* bug 354554 - [null] conditional with redundant condition yields weak error message

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099

\* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 426078 - [1.8] VerifyError when conditional expression passed as an argument

\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\* Bug 418537 - [1.8][null] Fix null type annotation analysis for poly conditional expressions

\* Bug 428352 - [1.8][compiler] Resolution errors don't always surface

\* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null

\*\*\*\*\*

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ConditionalExpression.java

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 \* bug 186342 - [compiler][null] Using annotations for null checking  
 \* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.  
 \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
 \* bug 413958 - Function override returning inherited Generic Type  
 \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
 \* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding  
 \* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"  
 \* Bug 427438 - [1.8][compiler] NPE at  
 org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
 \* Bug 418743 - [1.8][null] contradictory annotations on invocation of generic method not reported  
 \* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected  
 \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
 \* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations  
 \* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference  
 \* Bug 446442 - [1.8] merge null annotations from super methods  
 \* Bug 457079 - Regression: type inference  
 \*\*\*\*\*/

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 jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedGenericMethodBinding.java  
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 \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
 \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\*\*\*\*\*/

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\* Jesper S Moller - Contributions for

\* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression

\* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335

\* Stephan Herrmann - Contribution for

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"

\* Bug 425142 - [1.8][compiler] NPE in ConstraintTypeFormula.reduceSubType

\* Bug 425153 - [1.8] Having wildcard allows incompatible types in a lambda expression

\* Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error

\* Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.

\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\* Bug 428352 - [1.8][compiler] Resolution errors don't always surface

\* Bug 446442 - [1.8] merge null annotations from super methods

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas

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*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*   Jesper S Moller - Contributions for
*     bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/CompoundAssignment.java
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*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
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*   Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
*   Jesper S Moller -. Contribution for bug 400830: [1.8][formatter] Code formatter for Java 8
*****/
```

Found in path(s):  
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*   Stephan Herrmann - Contributions for
*     bug 358827 - [1.7] exception analysis for t-w-r spoils null analysis
*     bug 186342 - [compiler][null] Using annotations for null checking
*     bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*     bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*     bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*     Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*     Bug 455723 - Nonnull argument not correctly inferred in loop
*     Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*     Bug 446691 - [1.8][null][compiler] NullPointerException in SimpleNameReference.analyseCode
*****/
```

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\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

\* Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly

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\* bug 400710 - [1.8][compiler] synthetic access to default method generates wrong code

\* bug 391376 - [1.8] check interaction of default methods with bridge methods and generics

\* bug 421543 - [1.8][compiler] Compiler fails to recognize default method being turned into abstract by subtype

\* Jesper S Moller - Contributions for

\* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335

\* Andy Clement (GoPivotal, Inc) [aclement@gopivotal.com](mailto:aclement@gopivotal.com) - Contributions for

\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

\* Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array

\* Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code

generator

\* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation

\* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas  
\* Bug 449467 - [1.8][compiler] Invalid lambda deserialization with anonymous class  
\* Olivier Tardieu (tardieu@us.ibm.com) - Contributions for  
\* Bug 442418 - \$deserializeLambda\$ off-by-one error when deserializing the captured arguments of  
a lambda that also capture this

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/CodeStream.java

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\* Stephan Herrmann - Contribution for  
\* bug 331649 - [compiler][null] consider null annotations for fields  
\* bug 383368 - [compiler][null] syntactic null analysis for field references  
\* Jesper S Moller - Contributions for  
\* Bug 378674 - "The method can be declared as static" is wrong

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/ThisReference.java

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\* Jesper S Moller - Contributions for  
\* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression  
\* Stephan Herrmann - Contribution for  
\* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super  
\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
\* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ProblemReasons.java  
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\* Contributors:  
\* wharley@bea.com - initial API and implementation  
\* IBM Corporation - Java 8 support

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/TypeMirrorImpl.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/PrimitiveTypeImpl.java  
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* Contributors:  
* Walter Harley - initial API and implementation  
* IBM Corporation - fix for 342598, 382590  
* Jean-Marie Henaff <jmhenaff@google.com> (Google) - Bug 481555  
*/
```

Found in path(s):  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/TypesImpl.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/ErrorMessageImpl.java  
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*   Stephan Herrmann - Contribution for bug 349326 - [1.7] new warning for missing try-with-resources
*****/

```

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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*   IBM Corporation - Bug fixes
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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jar/org/eclipse/jdt/internal/compiler/codegen/CharArrayCache.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/util/HashSetOfInt.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/core/compiler/InvalidInputException.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/codegen/BranchLabel.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/util/ObjectVector.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/codegen/VerificationTypeInfo.java

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\* Matt McCutchen - partial fix for [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=122995](https://bugs.eclipse.org/bugs/show_bug.cgi?id=122995)

\* Karen Moore - fix for [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=207411](https://bugs.eclipse.org/bugs/show_bug.cgi?id=207411)

\* Stephan Herrmann <[stephan@cs.tu-berlin.de](mailto:stephan@cs.tu-berlin.de)> - Contributions for

\* bug 185682 - Increment/decrement operators mark local variables as read

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

\* bug 374605 - Unreasonable warning for enum-based switch statements

\* bug 384870 - [compiler] @Deprecated annotation not detected if preceded by other annotation

\* bug 393719 - [compiler] inconsistent warnings on iteration variables

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 424742 - [1.8] NPE in LambdaExpression.isCompatibleWith

\* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding

\* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation

\* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.

\* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload

context

- \* Bug 427282 - [1.8][compiler] AIOOB (-1) at org.eclipse.jdt.internal.compiler.ClassFile.traverse(ClassFile.java:6209)
  - \* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
  - \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
  - \* Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varargs
  - \* Bug 432348 - [1.8] Internal compiler error (NPE) after upgrade to 1.8
  - \* Bug 440143 - [1.8][null] one more case of contradictory null annotations regarding type variables
  - \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
  - \* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
  - \* Bug 446442 - [1.8] merge null annotations from super methods
  - \* Bug 437072 - [compiler][null] Null analysis emits possibly incorrect warning for new int[][] despite @NonNullByDefault
  - \* Jesper S Moller - Contributions for
    - \* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
    - \* bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
    - \* bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
    - \* bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
    - \* bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of annotation it contains
  - \* Till Brychcy - Contributions for
    - \* bug 467094 - [1.8][null] TYPE\_USE NullAnnotations of array contents are applied to field.
- \*\*\*\*\*/

Found in path(s):

- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ASTNode.java

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- \* Stephan Herrmann - Contributions for
  - \* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
  - \* bug 349326 - [1.7] new warning for missing try-with-resources
  - \* bug 360328 - [compiler][null] detect null problems in nested code (local class inside a loop)
- \* bug 186342 - [compiler][null] Using annotations for null checking
- \* bug 365835 - [compiler][null] inconsistent error reporting.
- \* bug 365519 - editorial cleanup after bug 186342 and bug 365387
- \* bug 358903 - Filter practically unimportant resource leak warnings

- \* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
- \* bug 370639 - [compiler][resource] restore the default for resource leak warnings
- \* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
- \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
- \* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
- \* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
- \* bug 383368 - [compiler][null] syntactic null analysis for field references
- \* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
- \* bug 401030 - [1.8][null] Null analysis support for lambda methods.
- \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
- \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
- \* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
- \* Bug 417758 - [1.8][null] Null safety compromise during array creation.
- \* Bug 427438 - [1.8][compiler] NPE at  
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
- \* Bug 430150 - [1.8][null] stricter checking against type variables
- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
- \* Bug 455723 - Nonnull argument not correctly inferred in loop
- \* Jesper S Moller - Contributions for
- \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ReturnStatement.java

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\* Contributors:

\* tyeung@bea.com - initial API and implementation

\* olivier\_thomann@ca.ibm.com - add hashCode() and equals(..) methods

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/AnnotationInfo.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

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\* Stefan Xenos <[sxenos@gmail.com](mailto:sxenos@gmail.com)> (Google) - initial API and implementation

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\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check

\* Bug 440282 - [resource] Resource leak detection false negative with empty finally block

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*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*     Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*****/

```

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\* Stephan Herrmann - Contributions for

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 358903 - Filter practically unimportant resource leak warnings

\* bug 381445 - [compiler][resource] Can the resource leak check be made aware of Closeables.closeQuietly?

\* bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account

\* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions

\* Bug 405569 - Resource leak check false positive when using DbUtils.closeQuietly

\* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource

\* Bug 425183 - [1.8][inference] make CaptureBinding18 safe

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),

Collection#remove(Object) et al.

\* Jesper S Moller - Contributions for

\* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335

\* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable

\* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas

\* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for

\* bug 386692 - Missing "unused" warning on "autowired" fields

\* Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for

\* bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown

when using MethodSource

\*\*\*\*\*/

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\* bug 342671 - ClassCastException: org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot be cast to org.eclipse.jdt.internal.compiler.lookup.ArrayBinding

\* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099

\* Bug 416181 - [1.8][compiler][null] Invalid assignment is not rejected by the compiler

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 434600 - Incorrect null analysis error reporting on type parameters

\* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"

\* Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>

\* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param

\* Andy Clement - Contributions for

\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ParameterizedQualifiedTypeReference.java

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\* IBM Corporation - initial API and implementation  
\* Walter Harley - Patch for ensuring the parent folders are created  
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\*/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/EclipseFileObject.java

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\* Stephan Herrmann - Contribution for  
\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.  
\* bug 331649 - [compiler][null] consider null annotations for fields  
\* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic  
\* Bug 427438 - [1.8][compiler] NPE at  
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
\* Bug 429403 - [1.8][null] null mismatch from type arguments is not reported at field initializer  
\* Bug 453483 - [compiler][null][loop] Improve null analysis for loops  
\* Bug 458396 - NPE in CodeStream.invoke()  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation

\*\*\*\*\*/

Found in path(s):

\*/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/FieldDeclaration.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/EclipseFileManager.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/StackMapFrameCodeStream.java

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\* Jesper S Moller - Contributions for

\* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335

\* Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile

\* Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)

\* Bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

\* Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code generator

\* Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly

\* Bug 415541 - [1.8][compiler] Type annotations in the body of static initializer get dropped

\* Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code generator

\* Bug 415470 - [1.8][compiler] Type annotations on class declaration go vanishing

\* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas

\* Bug 434556 - Broken class file generated for incorrect annotation usage  
\* Bug 442416 - \$deserializeLambda\$ missing cases for nested lambdas  
\* Stephan Herrmann - Contribution for  
\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables  
\* Olivier Tardieu tardieu@us.ibm.com - Contributions for  
\* Bug 442416 - \$deserializeLambda\$ missing cases for nested lambdas  
\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ClassFile.java

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\* Stephan Herrmann - Contribution for

\* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types

\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files

- \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
- \* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
- \* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.
- \* Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varargs
- \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
- \* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
- \* Bug 434600 - Incorrect null analysis error reporting on type parameters
- \* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
- \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
- \* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 437072 - [compiler][null] Null analysis emits possibly incorrect warning for new int[][] despite @NonNullByDefault
- \* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
  - \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
  - \* Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code generator
  - \* Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code generator
- \* Jesper S Møller <jesper@selskabet.org> - Contributions for
  - \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
  - \* bug 529556 - [18.3] Add content assist support for 'var' as a type

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/TypeReference.java

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\* Nick Teryaev - fix for bug ([https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=40752](https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752))

\* Stephan Herrmann - Contributions for

\* bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE

\* bug 349326 - [1.7] new warning for missing try-with-resources

- \* bug 186342 - [compiler][null] Using annotations for null checking
- \* bug 358903 - Filter practically unimportant resource leak warnings
- \* bug 370639 - [compiler][resource] restore the default for resource leak warnings
- \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
- \* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
- \* bug 379784 - [compiler] "Method can be static" is not getting reported
- \* bug 379834 - Wrong "method can be static" in presence of qualified super and different staticness of nested super class.
- \* bug 388281 - [compiler][null] inheritance of null annotations as an option
- \* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
- \* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
- \* bug 381445 - [compiler][resource] Can the resource leak check be made aware of Closeables.closeQuietly?
- \* bug 331649 - [compiler][null] consider null annotations for fields
- \* bug 383368 - [compiler][null] syntactic null analysis for field references
- \* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
- \* bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
- \* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
- \* bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
- \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
- \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
- \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
- \* Bug 405569 - Resource leak check false positive when using DbUtils.closeQuietly
- \* Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
- \* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.
- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
- \* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
- \* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
- \* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
- \* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
- \* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
- \* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
- \* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
- \* Bug 427438 - [1.8][compiler] NPE at org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
- \* Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
- \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
- \* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)
- \* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
- \* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
- \* Bug 472618 - [compiler][null] assertNotNull vs. Assert.assertNotNull
- \* Bug 470958 - [1.8] Unable to convert lambda
- \* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),

Collection#remove(Object) et al.

- \* Jesper S Moller - Contributions for
- \* Bug 378674 - "The method can be declared as static" is wrong
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
- \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
- \* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic bridge method

\*\*\*\*\*/

Found in path(s):

- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/MessageSend.java

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/TypeAnnotationWalker.java

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- \* Stephan Herrmann - Contributions for
  - \* bug 325755 - [compiler] wrong initialization state after conditional expression
  - \* bug 320170 - [compiler] [null] Whitebox issues in null analysis
  - \* bug 292478 - Report potentially null across variable assignment
  - \* bug 332637 - Dead Code detection removing code that isn't dead
  - \* bug 341499 - [compiler][null] allocate extra bits in all methods of UnconditionalFlowInfo
  - \* bug 349326 - [1.7] new warning for missing try-with-resources
  - \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
  - \* bug 386181 - [compiler][null] wrong transition in UnconditionalFlowInfo.mergedWith()
  - \* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
  - \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
  - \* Bug 454031 - [compiler][null][loop] bug in null analysis; wrong "dead code" detection
  - \* Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/UnconditionalFlowInfo.java

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\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 374605 - Unreasonable warning for enum-based switch statements

\* bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.

\* bug 382354 - [1.8][compiler] Compiler silent on conflicting modifier

\* bug 401030 - [1.8][null] Null analysis support for lambda methods.

\* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Jesper S Moller - Contributions for

\* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression

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*   Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*****/

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*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
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\* Stephan Herrmann - Contributions for  
\* bug 332637 - Dead Code detection removing code that isn't dead  
\* bug 358827 - [1.7] exception analysis for t-w-r spoils null analysis  
\* bug 349326 - [1.7] new warning for missing try-with-resources  
\* bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points  
\* bug 358903 - Filter practically unimportant resource leak warnings  
\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
\* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'  
\* bug 401088 - [compiler][null] Wrong warning "Redundant null check" inside nested try statement  
\* bug 401092 - [compiler][null] Wrong warning "Redundant null check" in outer catch of nested try  
\* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check  
\* bug 384380 - False positive on a ?? Potential null pointer access ?? after a continue  
\* Bug 415790 - [compiler][resource] Incorrect potential resource leak warning in for loop with close in try/catch  
\* Bug 371614 - [compiler][resource] Wrong "resource leak" problem on return/throw inside while loop  
\* Bug 444964 - [1.7+][resource] False resource leak warning (try-with-resources for ByteArrayOutputStream - return inside for loop)  
\* Jesper Steen Moller - Contributions for  
\* bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)  
\*

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\* Stephan Herrmann - Contributions for

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 467032 - TYPE\_USE Null Annotations: IllegalStateException with annotated arrays of Enum when accessed via BinaryTypeBinding

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/UnresolvedReferenceBinding.java

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\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

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*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*       bug 358903 - Filter practically unimportant resource leak warnings
*       Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*       Bug 426676 - [1.8][compiler] Wrong generic method type inferred from lambda expression
*       Bug 427411 - [1.8][generics] JDT reports type mismatch when using method that returns generic type
*       Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*       Bug 435962 - [RC2] StackOverFlowError when building
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/WildcardBinding.java
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*   Jesper S Moller - Contributions for
*       Bug 378674 - "The method can be declared as static" is wrong
*****/

```

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/SuperReference.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/SplitPackageBinding.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/BinaryModuleBinding.java

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\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* bug 388281 - [compiler][null] inheritance of null annotations as an option

\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/TagBits.java

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 * Bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
 * Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
 * Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
 * Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it extends
the outer class
 */
```

Found in path(s):

```
*/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/NestedTypeBinding.java
```

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\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 407191 - [1.8] Binary access support for type annotations  
\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/env/IBinaryMethod.java

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jar/org/eclipse/jdt/internal/compiler/ProcessTaskManager.java

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\* Frits Jalvingh - fix for bug 533830.  
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\* Stephan Herrmann - Contributions for  
\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files  
\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 415543 - [1.8][compiler] Incorrect bound index in RuntimeInvisibleTypeAnnotations attribute  
\*\*\*\*\*

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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\* bug 331649 - [compiler][null] consider null annotations for fields

- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
- \* Jesper S Moller - Contributions for
- \* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/NameReference.java

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\* Jesper Steen Moller - Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing

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\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 367203 - [compiler][null] detect assigning null to nonnull argument

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

- \* bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
  - \* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
  - \* bug 388281 - [compiler][null] inheritance of null annotations as an option
  - \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
  - \* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.
  - \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
  - \* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
  - \* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
  - \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
  - \* Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this location
  - \* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
  - \* Bug 443347 - [1.8][null] @NonNullByDefault should not affect constructor arguments of an anonymous instantiation
  - \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
  - \* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
  - \* Bug 456584 - [1.8][null] Bogus warning for return type variable's @NonNull annotation being 'redundant'
  - \* Bug 471611 - Error on hover on call to generic method with null annotation
  - \* Jesper Steen Moller - Contributions for
  - \* Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing
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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MethodBinding.java

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jar/org/eclipse/jdt/internal/compiler/ast/ProvidesStatement.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/env/INameEnvironmentExtension.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/env/IMultiModuleEntry.java

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*     bug 342671 - ClassCastException: org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot be cast to
org.eclipse.jdt.internal.compiler.lookup.ArrayBinding
*     Bug 420894 - ClassCastException in DefaultBindingResolver.resolveType(Type)
*     bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Bug 434600 - Incorrect null analysis error reporting on type parameters
*     Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*     Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
*     Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*     Andy Clement - Contributions for
*       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*****/

```

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*     bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
*     bug 349326 - [1.7] new warning for missing try-with-resources
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*****/

```

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/IfStatement.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/diagnose/LexStream.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/NormalAnnotation.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/Archive.java

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\* bug 383368 - [compiler][null] syntactic null analysis for field references  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredModule.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ModuleReference.java

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\* Stephan Herrmann - Contributions for  
\* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK  
\* bug 370639 - [compiler][resource] restore the default for resource leak warnings  
\* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'  
\* Bug 417758 - [1.8][null] Null safety compromise during array creation.  
\* Bug 427438 - [1.8][compiler] NPE at  
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
work)

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ArrayInitializer.java  
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*   Bug 407191 - [1.8] Binary access support for type annotations  
*/
```

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/FieldInfo.java  
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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for  
*   bug 328281 - visibility leaks not detected when analyzing unused field in private class  
*   bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.  
*/
```

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ExtraCompilerModifiers.java

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*     bug 186342 - [compiler][null] Using annotations for null checking
*     bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*     bug 331649 - [compiler][null] consider null annotations for fields
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*     Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*     Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*     Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*     Bug 424728 - [1.8][null] Unexpected error: The nullness annotation 'XXXX' is not applicable at this location
*     Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE_USE locations
*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*     Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*     Bug 469584 - ClassCastException in Annotation.detectStandardAnnotation (320)
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*       Bug 409517 - [1.8][compiler] Type annotation problems on more elaborate array references
*       Bug 415397 - [1.8][compiler] Type Annotations on wildcard type argument dropped
*       Bug 414384 - [1.8] type annotation on abbreviated inner class is not marked as inner type
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*       Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*       Bug 412151 - [1.8][compiler] Check repeating annotation's collection type
*       Bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*       Bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of
annotation it contains
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/Annotation.java

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\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 407191 - [1.8] Binary access support for type annotations

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/FieldInfoWithAnnotation.java

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\* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for

\* bug 328281 - visibility leaks not detected when analyzing unused field in private class

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365836 - [compiler][null] Incomplete propagation of null defaults.

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

\* bug 365662 - [compiler][null] warn on contradictory and redundant null annotations

\* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults

\* bug 366063 - Compiler should not add synthetic @NonNull annotations

\* bug 384663 - Package Based Annotation Compilation Error in JDT 3.8/4.2 (works in 3.7.2)

\* bug 386356 - Type mismatch error with annotations and generics

\* bug 388281 - [compiler][null] inheritance of null annotations as an option

\* bug 331649 - [compiler][null] consider null annotations for fields

\* bug 380896 - [compiler][null] Enum constants not recognised as being NonNull.

\* bug 391376 - [1.8] check interaction of default methods with bridge methods and generics

- \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
  - \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
  - \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
  - \* Bug 415850 - [1.8] Ensure RunJDTCORETests can cope with null annotations enabled
  - \* Bug 416172 - [1.8][compiler][null] null type annotation not evaluated on method return type
  - \* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.
  - \* Bug 426048 - [1.8] NPE in TypeVariableBinding.internalBoundCheck when parentheses are not balanced
  - \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
  - \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
  - \* Bug 432348 - [1.8] Internal compiler error (NPE) after upgrade to 1.8
  - \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
  - \* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
  - \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
  - \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
  - \* Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
  - \* Bug 461250 - ArrayIndexOutOfBoundsException in SourceTypeBinding.fields
  - \* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
  - \* Jesper S Moller <jesper@selskabet.org> - Contributions for
  - \* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
  - \* Till Brychcy - Contributions for
  - \* bug 415269 - NonNullByDefault is not always inherited to nested classes
  - \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
  - \* Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
  - \* Sebastian Zarnekow - Contributions for
  - \* bug 544921 - [performance] Poor performance with large source files
- \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/SourceTypeBinding.java

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jar/org/eclipse/jdt/internal/compiler/env/IRecordComponent.java  
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*   IBM Corporation - fix for 342936  
*   Kenneth Olson - Contribution for bug 188796 - [jsr199] Using JSR199 to extend ECJ  
*   Dennis Hendriks - Contribution for bug 188796 - [jsr199] Using JSR199 to extend ECJ  
*   Frits Jalvingh - fix for bug 533830.  
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*   Bug 407191 - [1.8] Binary access support for type annotations  
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jar/org/eclipse/jdt/internal/compiler/env/IBinaryTypeAnnotation.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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*   Till Brychcy - Contributions for
*       Bug 467482 - TYPE_USE null annotations: Incorrect "Redundant null check"-warning
*****/

```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*       Bug 186342 - [compiler][null] Using annotations for null checking
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredElement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredUnit.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredField.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/AnnotationMethodDeclaration.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/batch/ClasspathLocation.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ICompilationUnit.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/NameEnvironmentAnswer.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ClassLiteralAccess.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/INameEnvironment.java

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\* bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax

\* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super  
\* Jesper S Moller <jesper@selskabet.org> - Contributions for  
\* bug 378674 - "The method can be declared as static" is wrong  
\*\*\*\*\*/

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\* bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax

\* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super

\* bug 404728 - [1.8]NPE on QualifiedSuperReference error  
\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashtableOfInteger.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/FieldInitsFakingFlowContext.java  
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jar/org/eclipse/jdt/internal/compiler/env/ISourceModule.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/env/IBinaryModule.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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\* Contributors:  
\* wharley@bea.com - initial API and implementation  
\* IBM Corporation - fix for 342598  
\* IBM Corporation - Java 8 support  
\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/model/ArrayTypeImpl.java  
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*     bug 186342 - [compiler][null] Using annotations for null checking
*     bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*     Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*     Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*     Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*****/
```

Found in path(s):

```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedMethodBinding.java
```

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*     bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*     Bug 422796 - [compiler][null] boxed boolean reported as potentially null after null test in lazy disjunction
*****/
```

Found in path(s):

```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/OR_OR_Expression.java
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 \* Tom Tromey - Contribution for bug 159641  
 \* Benjamin Muskalla - Contribution for bug 239066  
 \* Stephan Herrmann - Contributions for  
 \* bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used  
 \* bug 295551 - Add option to automatically promote all warnings to errors  
 \* bug 359721 - [options] add command line option for new warning token "resource"  
 \* bug 365208 - [compiler][batch] command line options for annotation based null analysis  
 \* bug 374605 - Unreasonable warning for enum-based switch statements  
 \* bug 375366 - ECJ ignores unusedParameterIncludeDocCommentReference unless enableJavadoc option is set  
 \* bug 388281 - [compiler][null] inheritance of null annotations as an option  
 \* bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated  
 \* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation  
 \* Bug 440687 - [compiler][batch][null] improve command line option for external annotations  
 \* Bug 408815 - [batch][null] Add CLI option for  
 COMPILER\_PB\_SYNTACTIC\_NULL\_ANALYSIS\_FOR\_FIELDS  
 \* Jesper S Moller - Contributions for  
 \* bug 407297 - [1.8][compiler] Control generation of parameter names by option  
 \* Mat Booth - Contribution for bug 405176  
 \* Frits Jalvingh - fix for bug 533830.  
 \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/batch/Main.java

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\* Bug 440474 - [null] textual encoding of external null annotations  
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jar/org/eclipse/jdt/internal/compiler/lookup/SignatureWrapper.java  
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jar/org/eclipse/jdt/internal/compiler/apt/dispatch/IProcessorProvider.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/model/NameImpl.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/JrtFileSystem.java  
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*     Bug 407297: [1.8][compiler] Control generation of parameter names by option  
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*     bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields  
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 *     Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
 *     Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability
 *     analysis
 *     Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
 *   Till Brychcy - Contribution for
 *     Bug 473713 - [1.8][null] Type mismatch: cannot convert from @NonNull A1 to @NonNull A1
 */
```

```
/* Cache the derived type, tagging it as a derivative of both the key type and the naked type.
   E.g: int @NonNull [] would be tagged as a derived type of both int and int []. This is not
   needed for correctness, but for annotated object reuse. We provide two alternate ways to
   annotate a type:
```

Taking parameterized types as an example, a call to `getParamaterizedType` can be made with annotations to create `@NonNull List<@NonNull String>` in one stroke. Or a parameterized type can be created first and then annotated via `getAnnotatedType`. In the former case, the tables get looked up with `List` as the key, in the latter with `List<String>` as the key.

Binary vs source, substitutions, annotation re-attribution from SE7 locations etc trigger these alternate code paths. Unless care is exercised, we will end up with duplicate objects (that share the same `TypeBinding.id =>` correctness is not an issue, but memory wastage is)

```
*/
```

Found in path(s):

```
*/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/TypeSystem.java
```

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\* Bug 407191 - [1.8] Binary access support for type annotations  
\*\*\*\*\*/

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jar/org/eclipse/jdt/internal/compiler/classfmt/TypeAnnotationInfo.java  
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\* Jesper S Moller - Contributions for  
\* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335  
\* Bug 406973 - [compiler] Parse MethodParameters attribute  
\* Andy Clement - Contributions for  
\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
work)  
\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/AttributeNamesConstants.java  
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\* Bug 415397 - [1.8][compiler] Type Annotations on wildcard type argument dropped  
\* Stephan Herrmann - Contribution for  
\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.  
\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
\* Bug 440462 - [null][compiler]NPE in EJC for erroneous null annotations  
\* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull  
\*\*\*\*\*/

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\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
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jar/org/eclipse/jdt/internal/compiler/parser/RecoveredAnnotation.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/InsideSubRoutineFlowContext.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/CompilerStats.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/LabeledStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/batch/CompilationUnit.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/ITypeRequestor.java

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*   Stephan Herrmann - Contribution for
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*     Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*     Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*     Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*     Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*     Andy Clement - Contributions for
*       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*****/
```

```
Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/InstanceOfExpression.java
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 \* Stephan Herrmann - Contributions for  
 \* bug 349326 - [1.7] new warning for missing try-with-resources  
 \* bug 186342 - [compiler][null] Using annotations for null checking  
 \* bug 370639 - [compiler][resource] restore the default for resource leak warnings  
 \* bug 265744 - Enum switch should warn about missing default  
 \* bug 374605 - Unreasonable warning for enum-based switch statements  
 \* bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated  
 \* Bug 441208 - [1.8][null] SuppressWarnings("null") does not suppress / marked Unnecessary  
 \* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),  
 Collection#remove(Object) et al.  
 \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/impl/IrritantSet.java

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 \* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for  
 \* bug 292478 - Report potentially null across variable assignment,  
 \* bug 185682 - Increment/decrement operators mark local variables as read  
 \* bug 331649 - [compiler][null] consider null annotations for fields  
 \* bug 383368 - [compiler][null] syntactic null analysis for field references  
 \* Bug 412203 - [compiler] Internal compiler error: java.lang.IllegalArgumentException: info cannot be null  
 \* Bug 458396 - NPE in CodeStream.invoke()  
 \* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null  
 \* Jesper S Moller - <jesper@selskabet.org> - Contributions for  
 \* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment  
 \* bug 378674 - "The method can be declared as static" is wrong

- \* bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
  - \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
- \*\*\*\*\*/

Found in path(s):

\*/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/SingleNameReference.java  
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  - \* bug 282152 - [1.5][compiler] Generics code rejected by Eclipse but accepted by javac
  - \* bug 349326 - [1.7] new warning for missing try-with-resources
  - \* bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
- \* bug 358903 - Filter practically unimportant resource leak warnings
- \* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
- \* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
- \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
- \* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 426792 - [1.8][inference][impl] generify new type inference engine
- \* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
- \* Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
- \* Bug 431269 - [1.8][compiler][null] StackOverflow in nullAnnotatedReadableName
- \* Bug 431408 - Java 8 (1.8) generics bug
- \* Bug 435962 - [RC2] StackOverFlowError when building
- \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
- \* Bug 438250 - [1.8][null] NPE trying to report bogus null annotation conflict
- \* Bug 438179 - [1.8][null] 'Contradictory null annotations' error on type variable with explicit null-annotation.
- \* Bug 440143 - [1.8][null] one more case of contradictory null annotations regarding type variables
- \* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
- \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
- \* Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability analysis
- \* Bug 456459 - Discrepancy between Eclipse compiler and javac - Enums, interfaces, and generics
- \* Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
- \* Bug 462790 - [null] NPE in Expression.computeConversion()

- \* Bug 456532 - [1.8][null] ReferenceBinding.appendNullAnnotation() includes phantom annotations in error messages
- \* Jesper S Møller <jesper@selskabet.org> - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
- \* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/TypeVariableBinding.java

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## 1.758 sprig 3.2.3

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## 1.761 prometheus-procfs 0.6.0

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# 1.763 viper 1.7.1

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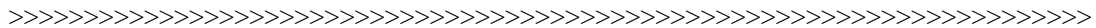
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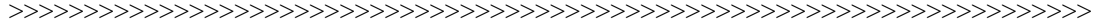




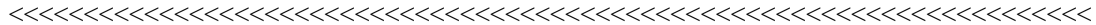








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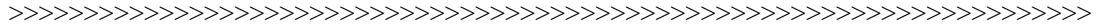


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Clockwork - a clock process to replace cron

=====

Cron is non-ideal for running scheduled application tasks, especially in an app  
deployed to multiple machines. [More details.]([http://adam.heroku.com/past/2010/4/13/rethinking\\_cron/](http://adam.heroku.com/past/2010/4/13/rethinking_cron/))

Clockwork is a cron replacement. It runs as a lightweight, long-running Ruby  
process which sits alongside your web processes (Mongrel/Thin) and your worker  
processes (DJ/Resque/Minion/Stalker) to schedule recurring work at particular  
times or dates. For example, refreshing feeds on an hourly basis, or send  
reminder emails on a nightly basis, or generating invoices once a month on the  
1st.

Quickstart

-----  
Create clock.rb:

```
require 'clockwork'
include Clockwork

handler do |job|
  puts "Running #{job}"
end

every(10.seconds, 'frequent.job')
every(3.minutes, 'less.frequent.job')
every(1.hour, 'hourly.job')

every(1.day, 'midnight.job', :at => '00:00')
```

Run it with the clockwork binary:

```
$ clockwork clock.rb
[2010-05-25 18:16:46 -0700] Starting clock for 4 events: [ frequent.job less.frequent.job hourly.job midnight.job ]
[2010-05-25 18:16:46 -0700] -> frequent.job
```

Use with queueing  
-----

The clock process only makes sense as a place to schedule work to be done, not to do the work. It avoids locking by running as a single process, but this makes it impossible to parallelize. For doing the work, you should be using a job queueing system, such as

[Delayed Job](<http://www.therailsway.com/2009/7/22/do-it-later-with-delayed-job>),

[Beanstalk/Stalker]([http://adam.heroku.com/past/2010/4/24/beanstalk\\_a\\_simple\\_and\\_fast\\_queueing\\_backend/](http://adam.heroku.com/past/2010/4/24/beanstalk_a_simple_and_fast_queueing_backend/)),

[RabbitMQ/Minion]([http://adamblog.heroku.com/past/2009/9/28/background\\_jobs\\_with\\_rabbitmq\\_and\\_minion/](http://adamblog.heroku.com/past/2009/9/28/background_jobs_with_rabbitmq_and_minion/)),

or

[Resque](<http://github.com/blog/542-introducing-resque>). This design allows a simple clock process with no locks, but also offers near infinite horizontal scalability.

For example, if you're using Beanstalk/Staker:

```
require 'stalker'

handler { |job| Stalker.enqueue(job) }

every(1.hour, 'feeds.refresh')
every(1.day, 'reminders.send', :at => '01:30')
```

Using a queueing system which doesn't require that your full application be

loaded is preferable, because the clock process can keep a tiny memory footprint. If you're using DJ or Resque, however, you can go ahead and load your full application environment, and use per-event blocks to call DJ or Resque enqueue methods. For example, with DJ/Rails:

```
require 'config/boot'
require 'config/environment'

every(1.hour, 'feeds.refresh') { Feed.send_later(:refresh) }
every(1.day, 'reminders.send', :at => '01:30') { Reminder.send_later(:send_reminders) }
```

Anatomy of a clock file

-----

clock.rb is standard Ruby. Since we include the Clockwork module (the clockwork binary does this automatically, or you can do it explicitly), this exposes a small DSL ("handler" and "every") to define the handler for events, and then the events themselves.

The handler typically looks like this:

```
handler { |job| enqueue_your_job(job) }
```

This block will be invoked every time an event is triggered, with the job name passed in. In most cases, you should be able to pass the job name directly through to your queueing system.

The second part of the file are the events, which roughly resembles a crontab:

```
every(5.minutes, 'thing.do')
every(1.hour, 'otherthing.do')
```

In the first line of this example, an event will be triggered once every five minutes, passing the job name 'thing.do' into the handler. The handler shown above would thus call `enqueue_your_job('thing.do')`.

You can also pass a custom block to the handler, for job queueing systems that rely on classes rather than job names (i.e. DJ and Resque). In this case, you need not define a general event handler, and instead provide one with each event:

```
every(5.minutes, 'thing.do') { Thing.send_later(:do) }
```

If you provide a custom handler for the block, the job name is used only for logging.

You can also use blocks to do more complex checks:

```
every(1.day, 'check.leap.year') do
  Stalker.enqueue('leap.year.party') if Time.now.year % 4 == 0
end
```

In production

-----

Only one clock process should ever be running across your whole application deployment. For example, if your app is running on three VPS machines (two app servers and one database), your app machines might have the following process topography:

- \* App server 1: 3 web (thin start), 3 workers (rake jobs:work), 1 clock (clockwork clock.rb)
- \* App server 2: 3 web (thin start), 3 workers (rake jobs:work)

You should use Monit, God, Upstart, or Inittab to keep your clock process running the same way you keep your web and workers running.

Meta

----

Created by Adam Wiggins

Inspired by [rufus-scheduler](<http://rufus.rubyforge.org/rufus-scheduler/>) and [<http://github.com/bvandenbos/resque-scheduler>]([resque-scheduler](http://github.com/bvandenbos/resque-scheduler))

Design assistance from Peter van Hardenberg and Matthew Soldo

Patches contributed by Mark McGranaghan

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<http://github.com/adamwiggins/clockwork>

Found in path(s):

- \* /opt/cola/permits/1213082843\_1634008352.31/0/clockwork-0-2-2-1-gem/data-tar-gz/README.md

# 1.772 google-go-cmp 0.5.5

## 1.772.1 Available under license :

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## 1.773 google-cloud-go 0.97.0

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// limitations under the License.
```

```
// Code generated by protoc-gen-go_gapic. DO NOT EDIT.
```

```
package compute
```

```
import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
```



```

"net/http"
"net/url"

gax "github.com/googleapis/gax-go/v2"
"google.golang.org/api/googleapi"
"google.golang.org/api/option"
"google.golang.org/api/option/internaloption"
httptransport "google.golang.org/api/transport/http"
computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
"google.golang.org/grpc"
"google.golang.org/grpc/metadata"
"google.golang.org/protobuf/encoding/protojson"
)

var newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
    Get []gax.CallOption
    TestIamPermissions []gax.CallOption
}

// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
    // The internal transport-dependent client.
    internalClient internalLicenseCodesClient

    // The call options for this service.
    CallOptions *LicenseCodesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when

```

```

// the client is no longer required.
func (c *LicenseCodesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
// intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
type licenseCodesRESTClient struct {
    // The http endpoint to connect to.
    endpoint string

    // The http client.
    httpClient *http.Client

    // The x-goog-* metadata to be sent with each request.
    xGoogMetadata metadata.MD
}

```

```

// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
    clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    c := &licenseCodesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
    }
    c.setGoogleClientInfo()

    return &LicenseCodesClient{internalClient: c, CallOptions: &LicenseCodesCallOptions{}}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
    return []option.ClientOption{
        internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
        internaloption.WithDefaultScopes(DefaultAuthScopes()),
    }
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
    kv := append([]string{"gl-go", versionGo()}, keyval...)
    kv = append(kv, "gopic", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
    c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
    // Replace httpClient with nil to force cleanup.
    c.httpClient = nil
    return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.

```

```

func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
    return nil
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return nil, err
    }

    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    rsp := &computepb.LicenseCode{}

    if err := unmarshalOptions.Unmarshal(buf, rsp); err != nil {
        return nil, maybeUnknownEnum(err)
    }
    return rsp, nil
}

```

```

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    m := protojson.MarshalOptions{ AllowPartial: true }
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return nil, err
    }

    unmarshal := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
    rsp := &computepb.TestPermissionsResponse{}

    if err := unmarshal(buf, rsp); err != nil {
        return nil, maybeUnknownEnum(err)
    }
}

```

```

return rsp, nil
}
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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    "google.golang.org/api/iterator"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicensesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    // TODO: Use client.
    _ = c
}

func ExampleLicensesClient_Delete() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()
}

```

```

req := &computepb.DeleteLicenseRequest{
    // TODO: Fill request struct fields.
    // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.
}
resp, err := c.Delete(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
    }
    resp, err := c.Get(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_GetIamPolicy() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetIamPolicyLicenseRequest.
    }
    resp, err := c.GetIamPolicy(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
}

```

```

// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_Insert() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.InsertLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
    }
    resp, err := c.Insert(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_List() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.ListLicensesRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#ListLicensesRequest.
    }
    it := c.List(ctx, req)
    for {
        resp, err := it.Next()
        if err == iterator.Done {
            break
        }
        if err != nil {
            // TODO: Handle error.
        }
        // TODO: Use resp.
        _ = resp
    }
}

```



```

}

func ExampleLicensesClient_SetIamPolicy() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.SetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
    }
    resp, err := c.SetIamPolicy(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_TestIamPermissions() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.TestIamPermissionsLicenseRequest{
        // TODO: Fill request struct fields.
        // See
        https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
    }
    resp, err := c.TestIamPermissions(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}
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//

```

```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicenseCodesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    // TODO: Use client.
    _ = c
}

func ExampleLicenseCodesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseCodeRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
    }
    resp, err := c.Get(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
}

```

```

_ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &compute.TestIamPermissionsLicenseCodeRequest{
        // TODO: Fill request struct fields.
        // See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequest.
    }
    resp, err := c.TestIamPermissions(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

```

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// Code generated by protoc-gen-go\_gapic. DO NOT EDIT.

package compute

import (

"bytes"

"context"

"fmt"

"io/ioutil"

"math"

"net/http"

"net/url"

gax "github.com/googleapis/gax-go/v2"

"google.golang.org/api/googleapi"

"google.golang.org/api/iterator"

"google.golang.org/api/option"

"google.golang.org/api/option/internaloption"

httptransport "google.golang.org/api/transport/http"

computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"

"google.golang.org/grpc"

"google.golang.org/grpc/metadata"

"google.golang.org/protobuf/encoding/protojson"

"google.golang.org/protobuf/proto"

)

var newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.

type LicensesCallOptions struct {

Delete []gax.CallOption

```

Get          []gax.CallOption
GetIamPolicy []gax.CallOption
Insert       []gax.CallOption
List         []gax.CallOption
SetIamPolicy []gax.CallOption
TestIamPermissions []gax.CallOption
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
    Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption) (*computepb.License, error)
    GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
    error)
    Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
    List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
    SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
    error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
//
// The Licenses API.
type LicensesClient struct {
    // The internal transport-dependent client.
    internalClient internalLicensesClient

    // The call options for this service.
    CallOptions *LicensesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for

```

```

// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
// creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
// Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
// party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Insert(ctx, req, opts...)
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
// belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
// list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-
// cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating
// Cloud Marketplace images.
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption)
*LicenseIterator {
    return c.internalClient.List(ctx, req, opts...)
}

```

```

}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.SetIamPolicy(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
type licensesRESTClient struct {
    // The http endpoint to connect to.
    endpoint string

    // The http client.
    httpClient *http.Client

    // The x-goog-* metadata to be sent with each request.
    xGoogMetadata metadata.MD
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
    clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    c := &licensesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
    }
    c.setGoogleClientInfo()

    return &LicensesClient{internalClient: c, CallOptions: &LicensesCallOptions{}}, nil
}

```

```

func defaultLicensesRESTClientOptions() []option.ClientOption {
return []option.ClientOption{
    internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
    internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
    internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
    internaloption.WithDefaultScopes(DefaultAuthScopes()),
}
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
kv := append([]string{"gl-go", versionGo()}, keyval...)
kv = append(kv, "gpic", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licensesRESTClient) Close() error {
// Replace httpClient with nil to force cleanup.
c.httpClient = nil
return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
return nil
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
// creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *compute.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

params := url.Values{ }
if req != nil && req.RequestId != nil {
    params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

```



```

httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Operation{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
op := &Operation{proto: rsp}
return op, err
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)

```

```

// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.License{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

    params := url.Values{}
    if req != nil && req.OptionsRequestedPolicyVersion != nil {
        params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
    }

    baseUrl.RawQuery = params.Encode()

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
}

```

```

}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Policy{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetLicenseResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

    params := url.Values{}
    if req != nil && req.RequestId != nil {

```

```

params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Operation{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
op := &Operation{proto: rsp}
return op, err
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
// belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
// list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-
// cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating
// Cloud Marketplace images.
func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {

```

```

it := &LicenseIterator{ }
req = proto.Clone(req).(*computepb.ListLicensesRequest)
unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
    resp := &computepb.LicensesListResponse{ }
    if pageToken != "" {
        req.PageToken = proto.String(pageToken)
    }
    if pageSize > math.MaxInt32 {
        req.MaxResults = proto.Uint32(math.MaxInt32)
    } else if pageSize != 0 {
        req.MaxResults = proto.Uint32(uint32(pageSize))
    }
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

    params := url.Values{ }
    if req != nil && req.Filter != nil {
        params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
    }
    if req != nil && req.MaxResults != nil {
        params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
    }
    if req != nil && req.OrderBy != nil {
        params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
    }
    if req != nil && req.PageToken != nil {
        params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
    }
    if req != nil && req.ReturnPartialSuccess != nil {
        params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
    }
    }

    baseUrl.RawQuery = params.Encode()

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, "", err
    }

    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }

    httpReq.Header["Content-Type"] = []string{"application/json"}
    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {

```

```

    return nil, "", err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, "", err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, "", err
}

unm.Unmarshal(buf, resp)
it.Response = resp
return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
    items, nextPageToken, err := it.InternalFetch(pageSize, pageToken)
    if err != nil {
        return "", err
    }
    it.items = append(it.items, items...)
    return nextPageToken, nil
}

it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
it.pageInfo.Token = req.GetPageToken()

return it
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetGlobalSetPolicyRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy", req.GetProject(),
req.GetResource())

```

```

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Policy{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }
}

```

```

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.TestPermissionsResponse{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
    items []*computepb.License
    pageInfo *iterator.PageInfo
    nextFunc func() error

    // Response is the raw response for the current page.
    // It must be cast to the RPC response type.
    // Calling Next() or InternalFetch() updates this value.

```



```

Response interface{ }

// InternalFetch is for use by the Google Cloud Libraries only.
// It is not part of the stable interface of this package.
//
// InternalFetch returns results from a single call to the underlying RPC.
// The number of results is no greater than pageSize.
// If there are no more results, nextPageToken is empty and err is nil.
InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
    return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License, error) {
    var item *computepb.License
    if err := it.nextFunc(); err != nil {
        return item, err
    }
    item = it.items[0]
    it.items = it.items[1:]
    return item, nil
}

func (it *LicenseIterator) bufLen() int {
    return len(it.items)
}

func (it *LicenseIterator) takeBuf() interface{} {
    b := it.items
    it.items = nil
    return b
}

```

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* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/FieldWriter.java
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- \* org.eclipse.jetty.orbit:javax.security.auth.message

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- \* org.eclipse.jetty.orbit:javax.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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- \* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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- org.ow2.asm:asm-commons
- org.ow2.asm:asm



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org.apache.taglibs:taglibs-standard-spec  
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org.apache.tomcat:tomcat-juli  
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org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

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org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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## 1.778 jline 3.22.0

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```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/InfoCmp.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/ConfigurationPath.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Editor.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/completer/ArgumentCompleter.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/completer/StringsCompleter.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/Status.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Tmux.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
```

jar/org/jline/terminal/impl/AbstractPty.java

\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-

jar/org/jline/terminal/impl/AbstractWindowsTerminal.java

\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Candidate.java

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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-

```

jar/org/jline/console/impl/DefaultPrinter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/impl/SystemRegistryImpl.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Less.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Commands.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/builtins/SyntaxHighlighter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/console/Printer.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/LineReaderImpl.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/impl/SystemHighlighter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/impl/Builtins.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Source.java
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* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/CommandInput.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/widget/AutopairWidgets.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jna/freebsd/CLibrary.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/CommandRegistry.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/widget/Widgets.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/LineReaderBuilder.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jna/JnaNativePty.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/Display.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jansi/JansiTerminalProvider.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jna/linux/LinuxNativePty.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jansi/JansiNativePty.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-

```



jar/org/jline/terminal/impl/jansi/win/JansiWinSysTerminal.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/widget/AutosuggestionWidgets.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/osx/CLibrary.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/Log.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/osx/OsXNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/console/CommandLine.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/freebsd/FreeBsdNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/console/ScriptEngine.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/impl/DefaultParser.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/console/impl/JlineCommandRegistry.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/console/CommandDesc.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/console/CommandMethods.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/linux/CLibrary.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/solaris/CLibrary.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/console/impl/AbstractCommandRegistry.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/solaris/SolarisNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/win/JnaWinSysTerminal.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/ColorPalette.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/impl/ReaderUtils.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/Signals.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/CompletionMatcher.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/JnaTerminalProvider.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/impl/completer/SystemCompleter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/EndOfFileException.java

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#
class = org.jline.terminal.impl.exec.ExecTerminalProvider
```

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```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/META-
INF/services/org/jline/terminal/provider/exec
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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/telnet/ConnectionFactory.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/telnet/ConnectionListener.java

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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/EOFError.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/SyntaxError.java  
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#
class = org.jline.terminal.impl.jansi.JansiTerminalProvider
```

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```
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```

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```
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jar/org/jline/builtins/ScreenTerminal.java
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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jansi/win/WindowsAnsiWriter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/AnsiWriter.java  
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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/keymap/KeyMap.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/package-info.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/package-info.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/impl/completer/package-info.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/NativeSignalHandler.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/win/WindowsAnsiWriter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Reference.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/impl/completer/NullCompleter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/impl/completer/EnumCompleter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/ExecPty.java

\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/ShutdownHooks.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/OSUtils.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/AbstractPosixTerminal.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Expander.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/MouseEvent.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/CursorSupport.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/ClosedException.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/ExecHelper.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/DiffHelper.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/UserInterruptException.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Binding.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/InputStreamReader.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/DefaultExpander.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/UndoTree.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Macro.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/spi/Pty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/WCWidth.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Widget.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/package-info.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/Levenshtein.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/AttributedString.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/Cursor.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/completer/AggregateCompleter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/history/package-info.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/Attributes.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/MouseSupport.java

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```

Found in path(s):

```

* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/builtins/telnet/PortListener.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/builtins/telnet/Connection.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/builtins/telnet/TelnetIO.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/builtins/telnet/ConnectionEvent.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/builtins/telnet/ConnectionManager.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/builtins/telnet/ConnectionData.java

```

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Found in path(s):

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/AbstractTerminal.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Parser.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/impl/ConsoleEngineImpl.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/SystemRegistry.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Nano.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/TTop.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/history/DefaultHistory.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/DefaultHighlighter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/TerminalBuilder.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/AttributedStyle.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Styles.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/PrintAboveWriter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/LineReader.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Completers.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/ConsoleEngine.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/widget/TailTipWidgets.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/builtins/ConsoleOptionGetter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/CompletionMatcherImpl.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Highlighter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/utils/AttributedCharSequence.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/console/ArgDesc.java
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```

```
black
maroon
green
olive
navy
purple
teal
silver
grey
red
lime
yellow
blue
fuchsia
aqua
white
grey0
navyblue
darkblue
blue3
blue3a
blue1
darkgreen
deepskyblue4
deepskyblue4a
deepskyblue4b
dodgerblue3
dodgerblue2
green4
springgreen4
turquoise4
deepskyblue3
deepskyblue3a
dodgerblue1
green3
springgreen3
darkcyan
lightseagreen
deepskyblue2
deepskyblue1
green3a
springgreen3a
```

springgreen2  
cyan3  
darkturquoise  
turquoise2  
green1  
springgreen2a  
springgreen1  
mediumspringgreen  
cyan2  
cyan1  
darkred  
deeppink4  
purple4  
purple4a  
purple3  
blueviolet  
orange4  
grey37  
mediumpurple4  
slateblue3  
slateblue3a  
royalblue1  
chartreuse4  
darkseagreen4  
paleturquoise4  
steelblue  
steelblue3  
cornflowerblue  
chartreuse3  
darkseagreen4a  
cadetblue  
cadetbluea  
skyblue3  
steelblue1  
chartreuse3a  
palegreen3  
seagreen3  
aquamarine3  
mediumturquoise  
steelblue1a  
chartreuse2  
seagreen2  
seagreen1  
seagreen1a  
aquamarine1  
darkslategray2  
darkreda  
deeppink4a

darkmagenta  
darkmagentaa  
darkviolet  
purplea  
orange4a  
lightpink4  
plum4  
mediumpurple3  
mediumpurple3a  
slateblue1  
yellow4  
wheat4  
grey53  
lightslategrey  
mediumpurple  
lightslateblue  
yellow4a  
darkolivegreen3  
darkseagreen  
lightskyblue3  
lightskyblue3a  
skyblue2  
chartreuse2a  
darkolivegreen3a  
palegreen3a  
darkseagreen3  
darkslategray3  
skyblue1  
chartreuse1  
lightgreen  
lightgreena  
palegreen1  
aquamarine1a  
darkslategray1  
red3  
deeppink4b  
mediumvioletred  
magenta3  
darkvioleta  
purpleb  
darkorange3  
indianred  
hotpink3  
mediumorchid3  
mediumorchid  
mediumpurple2  
darkgoldenrod  
lightsalmon3

rosybrown  
grey63  
mediumpurple2a  
mediumpurple1  
gold3  
darkkhaki  
navajowhite3  
grey69  
lightsteelblue3  
lightsteelblue  
yellow3  
darkolivegreen3b  
darkseagreen3a  
darkseagreen2  
lightcyan3  
lightskyblue1  
greenyellow  
darkolivegreen2  
palegreen1a  
darkseagreen2a  
darkseagreen1  
paleturquoise1  
red3a  
deeppink3  
deeppink3a  
magenta3a  
magenta3b  
magenta2  
darkorange3a  
indianred  
hotpink3a  
hotpink2  
orchid  
mediumorchid1  
orange3  
lightsalmon3a  
lightpink3  
pink3  
plum3  
violet  
gold3a  
lightgoldenrod3  
tan  
mistyrose3  
thistle3  
plum2  
yellow3a  
khaki3

lightgoldenrod2  
lightyellow3  
grey84  
lightsteelblue1  
yellow2  
darkolivegreen1  
darkolivegreen1a  
darkseagreen1a  
honeydew2  
lightcyan1  
red1  
deeppink2  
deeppink1  
deeppink1a  
magenta2a  
magenta1  
orangered1  
indianred1  
indianred1a  
hotpink  
hotpinka  
mediumorchid1a  
darkorange  
salmon1  
lightcoral  
palevioletred1  
orchid2  
orchid1  
orange1  
sandybrown  
lightsalmon1  
lightpink1  
pink1  
plum1  
gold1  
lightgoldenrod2a  
lightgoldenrod2b  
navajowhite1  
mistyrose1  
thistle1  
yellow1  
lightgoldenrod1  
khaki1  
wheat1  
cornsilk1  
grey100  
grey3  
grey7

grey11  
grey15  
grey19  
grey23  
grey27  
grey30  
grey35  
grey39  
grey42  
grey46  
grey50  
grey54  
grey58  
grey62  
grey66  
grey70  
grey74  
grey78  
grey82  
grey85  
grey89  
grey93

Found in path(s):

\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utis/colors.txt

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#  
class = org.jline.terminal.impl.jna.JnaTerminalProvider
```

Found in path(s):

\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/services/org/jline/terminal/provider/jna

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```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/jna/win/Kernel32.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/History.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/MaskingCallback.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/utils/NonBlockingInputStream.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/utils/NonBlockingInputStreamImpl.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/utils/AttributedStringBuilder.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/ParsedLine.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/keymap/BindingReader.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/Terminal.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/StyleResolver.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleFactory.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/Style.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/LineDisciplineTerminal.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/CompletingParsedLine.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/DumbTerminal.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/Size.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/NonBlocking.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/style/StyleExpression.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/impl/KillRing.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/NfaMatcher.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/utils/NonBlockingReader.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/ExternalTerminal.java  
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
```





\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Buffer.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/freebsd/FreeBsdNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleColor.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleBundleInvocationHandler.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/linux/LinuxNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/telnet/Telnet.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleBundle.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/WriterOutputStream.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/ssh/ShellCommand.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/solaris/SolarisNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/BufferImpl.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/PumpReader.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/osx/OsXNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/MemoryStyleSource.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyledWriter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/AbstractWindowsConsoleWriter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/InterpolationHelper.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/NonBlockingPumpInputStream.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/ssh/Ssh.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/SimpleMaskingCallback.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleResolver.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/win/JansiWinConsoleWriter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/ssh/ShellFactoryImpl.java  
No license file was found, but licenses were detected in source scan.

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#

auto\_left\_margin, bw, bw  
auto\_right\_margin, am, am  
back\_color\_erase, bce, ut  
can\_change, ccc, cc  
ceol\_standout\_glitch, xhp, xs  
col\_addr\_glitch, xhpa, YA  
cpi\_changes\_res, cpix, YF  
cr\_cancels\_micro\_mode, crxm, YB  
dest\_tabs\_magic\_sms0, xt, xt  
eat\_newline\_glitch, xenl, xn  
erase\_overstrike, eo, eo  
generic\_type, gn, gn  
hard\_copy, hc, hc  
hard\_cursor, chts, HC  
has\_meta\_key, km, km  
has\_print\_wheel, daisy, YC  
has\_status\_line, hs, hs  
hue\_lightness\_saturation, hls, hl  
insert\_null\_glitch, in, in  
lpi\_changes\_res, lpix, YG  
memory\_above, da, da  
memory\_below, db, db  
move\_insert\_mode, mir, mi  
move\_standout\_mode, msgr, ms  
needs\_xon\_xoff, nxon, nx  
no\_esc\_ctlc, xsb, xb  
no\_pad\_char, npc, NP  
non\_dest\_scroll\_region, ndscr, ND  
non\_rev\_rmcup, nrrmc, NR  
over\_strike, os, os  
prtr\_silent, mc5i, 5i  
row\_addr\_glitch, xvpa, YD  
semi\_auto\_right\_margin, sam, YE  
status\_line\_esc\_ok, eslok, es  
tilde\_glitch, hz, hz  
transparent\_underline, ul, ul  
xon\_xoff, xon, xo  
columns, cols, co  
init\_tabs, it, it  
label\_height, lh, lh  
label\_width, lw, lw  
lines, lines, li  
lines\_of\_memory, lm, lm  
magic\_cookie\_glitch, xmc, sg  
max\_attributes, ma, ma  
max\_colors, colors, Co

max\_pairs, pairs, pa  
maximum\_windows, wnum, MW  
no\_color\_video, ncv, NC  
num\_labels, nlab, NI  
padding\_baud\_rate, pb, pb  
virtual\_terminal, vt, vt  
width\_status\_line, wsl, ws  
bit\_image\_entwining, bitwin, Yo  
bit\_image\_type, bitype, Yp  
buffer\_capacity, bufsz, Ya  
buttons, btns, BT  
dot\_horz\_spacing, spinh, Yc  
dot\_vert\_spacing, spinv, Yb  
max\_micro\_address, maddr, Yd  
max\_micro\_jump, mjump, Ye  
micro\_col\_size, mcs, Yf  
micro\_line\_size, mls, Yg  
number\_of\_pins, npins, Yh  
output\_res\_char, orc, Yi  
output\_res\_horz\_inch, orhi, Yk  
output\_res\_line, orl, Yj  
output\_res\_vert\_inch, orvi, Yl  
print\_rate, cps, Ym  
wide\_char\_size, widcs, Yn  
acs\_chars, acsc, ac  
back\_tab, cbt, bt  
bell, bel, bl  
carriage\_return, cr, cr  
change\_char\_pitch, cpi, ZA  
change\_line\_pitch, lpi, ZB  
change\_res\_horz, chr, ZC  
change\_res\_vert, cvr, ZD  
change\_scroll\_region, csr, cs  
char\_padding, rmp, rP  
clear\_all\_tabs, tbc, ct  
clear\_margins, mgc, MC  
clear\_screen, clear, cl  
clr\_bol, e1l, cb  
clr\_eol, el, ce  
clr\_eos, ed, cd  
column\_address, hpa, ch  
command\_character, cmdch, CC  
create\_window, cwin, CW  
cursor\_address, cup, cm  
cursor\_down, cud1, do  
cursor\_home, home, ho  
cursor\_invisible, civis, vi  
cursor\_left, cub1, le

cursor\_mem\_address, mrcup, CM  
cursor\_normal, cnorm, ve  
cursor\_right, cuf1, nd  
cursor\_to\_ll, ll, ll  
cursor\_up, cuu1, up  
cursor\_visible, cvvis, vs  
define\_char, defc, ZE  
delete\_character, dch1, dc  
delete\_line, dl1, dl  
dial\_phone, dial, DI  
dis\_status\_line, dsl, ds  
display\_clock, dclk, DK  
down\_half\_line, hd, hd  
ena\_acs, enacs, eA  
enter\_alt\_charset\_mode, smacs, as  
enter\_am\_mode, smam, SA  
enter\_blink\_mode, blink, mb  
enter\_bold\_mode, bold, md  
enter\_ca\_mode, smcup, ti  
enter\_delete\_mode, smdc, dm  
enter\_dim\_mode, dim, mh  
enter\_doublewide\_mode, swidm, ZF  
enter\_draft\_quality, sdrfq, ZG  
enter\_insert\_mode, smir, im  
enter\_italics\_mode, sitm, ZH  
enter\_leftward\_mode, slm, ZI  
enter\_micro\_mode, smicm, ZJ  
enter\_near\_letter\_quality, snlq, ZK  
enter\_normal\_quality, snrmq, ZL  
enter\_protected\_mode, prot, mp  
enter\_reverse\_mode, rev, mr  
enter\_secure\_mode, invis, mk  
enter\_shadow\_mode, sshm, ZM  
enter\_standout\_mode, smso, so  
enter\_subscript\_mode, ssubm, ZN  
enter\_superscript\_mode, ssupm, ZO  
enter\_underline\_mode, smul, us  
enter\_upward\_mode, sum, ZP  
enter\_xon\_mode, smxon, SX  
erase\_chars, ech, ec  
exit\_alt\_charset\_mode, rmacs, ae  
exit\_am\_mode, rmam, RA  
exit\_attribute\_mode, sgr0, me  
exit\_ca\_mode, rmcup, te  
exit\_delete\_mode, rmdc, ed  
exit\_doublewide\_mode, rwidm, ZQ  
exit\_insert\_mode, rmir, ei  
exit\_italics\_mode, ritm, ZR

exit\_leftward\_mode, rlm, ZS  
exit\_micro\_mode, rmicm, ZT  
exit\_shadow\_mode, rshm, ZU  
exit\_standout\_mode, rmso, se  
exit\_subscript\_mode, rsubm, ZV  
exit\_superscript\_mode, rsupm, ZW  
exit\_underline\_mode, rmul, ue  
exit\_upward\_mode, rum, ZX  
exit\_xon\_mode, rmxon, RX  
fixed\_pause, pause, PA  
flash\_hook, hook, fh  
flash\_screen, flash, vb  
form\_feed, ff, ff  
from\_status\_line, fsl, fs  
goto\_window, wingo, WG  
hangup, hup, HU  
init\_1string, is1, i1  
init\_2string, is2, is  
init\_3string, is3, i3  
init\_file, if, if  
init\_prog, iprog, iP  
initialize\_color, initc, Ic  
initialize\_pair, initp, Ip  
insert\_character, ich1, ic  
insert\_line, il1, al  
insert\_padding, ip, ip  
key\_a1, ka1, K1  
key\_a3, ka3, K3  
key\_b2, kb2, K2  
key\_backspace, kbs, kb  
key\_beg, kbeg, @1  
key\_btab, kcbt, kB  
key\_c1, kc1, K4  
key\_c3, kc3, K5  
key\_cancel, kcan, @2  
key\_catab, ktbc, ka  
key\_clear, kclr, kC  
key\_close, kclo, @3  
key\_command, kcmd, @4  
key\_copy, kcpy, @5  
key\_create, kcrt, @6  
key\_ctab, kctab, kt  
key\_dc, kdch1, kD  
key\_dl, kdl1, kL  
key\_down, kcud1, kd  
key\_eic, krmir, kM  
key\_end, kend, @7  
key\_enter, kent, @8

key\_eol, kel, kE  
key\_eos, ked, kS  
key\_exit, kext, @9  
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key\_f14, kf14, F4  
key\_f15, kf15, F5  
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key\_f17, kf17, F7  
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key\_f29, kf29, FJ  
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key\_f36, kf36, FQ  
key\_f37, kf37, FR  
key\_f38, kf38, FS  
key\_f39, kf39, FT  
key\_f4, kf4, k4  
key\_f40, kf40, FU  
key\_f41, kf41, FV  
key\_f42, kf42, FW  
key\_f43, kf43, FX  
key\_f44, kf44, FY  
key\_f45, kf45, FZ  
key\_f46, kf46, Fa  
key\_f47, kf47, Fb  
key\_f48, kf48, Fc  
key\_f49, kf49, Fd

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key\_f50, kf50, Fe  
key\_f51, kf51, Ff  
key\_f52, kf52, Fg  
key\_f53, kf53, Fh  
key\_f54, kf54, Fi  
key\_f55, kf55, Fj  
key\_f56, kf56, Fk  
key\_f57, kf57, Fl  
key\_f58, kf58, Fm  
key\_f59, kf59, Fn  
key\_f6, kf6, k6  
key\_f60, kf60, Fo  
key\_f61, kf61, Fp  
key\_f62, kf62, Fq  
key\_f63, kf63, Fr  
key\_f7, kf7, k7  
key\_f8, kf8, k8  
key\_f9, kf9, k9  
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key\_home, khome, kh  
key\_ic, kich1, kI  
key\_il, kill, kA  
key\_left, kcub1, kl  
key\_ll, kll, kH  
key\_mark, kmrk, %2  
key\_message, kmsg, %3  
key\_move, kmov, %4  
key\_next, knxt, %5  
key\_npage, knp, kN  
key\_open, kopn, %6  
key\_options, kopt, %7  
key\_ppage, kpp, kP  
key\_previous, kprv, %8  
key\_print, kpri, %9  
key\_redo, krdo, %0  
key\_reference, kref, &1  
key\_refresh, krfr, &2  
key\_replace, krpl, &3  
key\_restart, krst, &4  
key\_resume, kres, &5  
key\_right, kcuf1, kr  
key\_save, ksav, &6  
key\_sbeg, kBEG, &9  
key\_scancel, kCAN, &0  
key\_scommand, kCMD, \*1  
key\_scopy, kCPY, \*2

key\_screate, kCRT, \*3  
key\_sdc, kDC, \*4  
key\_sdl, kDL, \*5  
key\_select, kslt, \*6  
key\_send, kEND, \*7  
key\_seol, kEOL, \*8  
key\_sexit, kEXT, \*9  
key\_sf, kind, kF  
key\_sfind, kFND, \*0  
key\_shelp, kHLP, #1  
key\_shome, kHOM, #2  
key\_sic, kIC, #3  
key\_sleft, kLFT, #4  
key\_smessage, kMSG, %a  
key\_smove, kMOV, %b  
key\_snext, kNXT, %c  
key\_soptions, kOPT, %d  
key\_sprevious, kPRV, %e  
key\_sprint, kPRT, %f  
key\_sr, kri, kR  
key\_sredo, kRDO, %g  
key\_sreplace, kRPL, %h  
key\_sright, kRIT, %i  
key\_sresume, kRES, %j  
key\_ssave, kSAV, !1  
key\_ssuspend, kSPD, !2  
key\_stab, khts, kT  
key\_sundo, kUND, !3  
key\_suspend, kspd, &7  
key\_undo, kund, &8  
key\_up, kcuu1, ku  
keypad\_local, rmkx, ke  
keypad\_xmit, smkx, ks  
lab\_f0, lf0, l0  
lab\_f1, lf1, l1  
lab\_f10, lf10, la  
lab\_f2, lf2, l2  
lab\_f3, lf3, l3  
lab\_f4, lf4, l4  
lab\_f5, lf5, l5  
lab\_f6, lf6, l6  
lab\_f7, lf7, l7  
lab\_f8, lf8, l8  
lab\_f9, lf9, l9  
label\_format, fln, Lf  
label\_off, rmln, LF  
label\_on, smln, LO  
meta\_off, rmm, mo



meta\_on, smm, mm  
micro\_column\_address, mhpa, ZY  
micro\_down, mcud1, ZZ  
micro\_left, mcub1, Za  
micro\_right, mcuf1, Zb  
micro\_row\_address, mvpa, Zc  
micro\_up, mcpu1, Zd  
newline, nel, nw  
order\_of\_pins, porder, Ze  
orig\_colors, oc, oc  
orig\_pair, op, op  
pad\_char, pad, pc  
parm\_dch, dch, DC  
parm\_delete\_line, dl, DL  
parm\_down\_cursor, cud, DO  
parm\_down\_micro, mcud, Zf  
parm\_ich, ich, IC  
parm\_index, indn, SF  
parm\_insert\_line, il, AL  
parm\_left\_cursor, cub, LE  
parm\_left\_micro, mcub, Zg  
parm\_right\_cursor, cuf, RI  
parm\_right\_micro, mcuf, Zh  
parm\_rindex, rin, SR  
parm\_up\_cursor, cuu, UP  
parm\_up\_micro, mcpu, Zi  
pkey\_key, pfkey, pk  
pkey\_local, pfloc, pl  
pkey\_xmit, pfx, px  
plab\_norm, pln, pn  
print\_screen, mc0, ps  
prtr\_non, mc5p, pO  
prtr\_off, mc4, pf  
prtr\_on, mc5, po  
pulse, pulse, PU  
quick\_dial, qdial, QD  
remove\_clock, rmclk, RC  
repeat\_char, rep, rp  
req\_for\_input, rfi, RF  
reset\_1string, rs1, r1  
reset\_2string, rs2, r2  
reset\_3string, rs3, r3  
reset\_file, rf, rf  
restore\_cursor, rc, rc  
row\_address, vpa, cv  
save\_cursor, sc, sc  
scroll\_forward, ind, sf  
scroll\_reverse, ri, sr

select\_char\_set, scs, Zj  
set\_attributes, sgr, sa  
set\_background, setb, Sb  
set\_bottom\_margin, smgb, Zk  
set\_bottom\_margin\_parm, smgbp, Zl  
set\_clock, sclk, SC  
set\_color\_pair, scp, sp  
set\_foreground, setf, Sf  
set\_left\_margin, smgl, ML  
set\_left\_margin\_parm, smglp, Zm  
set\_right\_margin, smgr, MR  
set\_right\_margin\_parm, smgrp, Zn  
set\_tab, hts, st  
set\_top\_margin, smgt, Zo  
set\_top\_margin\_parm, smgtp, Zp  
set\_window, wind, wi  
start\_bit\_image, sbim, Zq  
start\_char\_set\_def, scsd, Zr  
stop\_bit\_image, rbim, Zs  
stop\_char\_set\_def, rcsd, Zt  
subscript\_characters, subcs, Zu  
superscript\_characters, supcs, Zv  
tab, ht, ta  
these\_cause\_cr, docr, Zw  
to\_status\_line, tsl, ts  
tone, tone, TO  
underline\_char, uc, uc  
up\_half\_line, hu, hu  
user0, u0, u0  
user1, u1, u1  
user2, u2, u2  
user3, u3, u3  
user4, u4, u4  
user5, u5, u5  
user6, u6, u6  
user7, u7, u7  
user8, u8, u8  
user9, u9, u9  
wait\_tone, wait, WA  
xoff\_character, xoffc, XF  
xon\_character, xonc, XN  
zero\_motion, zerom, Zx  
alt\_scancode\_esc, scesa, S8  
bit\_image\_carriage\_return, bicr, Yv  
bit\_image\_newline, binel, Zz  
bit\_image\_repeat, birep, Xy  
char\_set\_names, csnm, Zy  
code\_set\_init, csin, ci

color\_names, colorm, Yw  
define\_bit\_image\_region, defbi, Yx  
device\_type, devt, dv  
display\_pc\_char, disp, S1  
end\_bit\_image\_region, endbi, Yy  
enter\_pc\_charset\_mode, smpch, S2  
enter\_scancode\_mode, smsc, S4  
exit\_pc\_charset\_mode, rmpch, S3  
exit\_scancode\_mode, rmisc, S5  
get\_mouse, getm, Gm  
key\_mouse, kmous, Km  
mouse\_info, minfo, Mi  
pc\_term\_options, pctrm, S6  
pkey\_plab, pfxl, xl  
req\_mouse\_pos, reqmp, RQ  
scancode\_escape, scesc, S7  
set0\_des\_seq, s0ds, s0  
set1\_des\_seq, s1ds, s1  
set2\_des\_seq, s2ds, s2  
set3\_des\_seq, s3ds, s3  
set\_a\_background, setab, AB  
set\_a\_foreground, setaf, AF  
set\_color\_band, setcolor, Yz  
set\_lr\_margin, smglr, ML  
set\_page\_length, slines, YZ  
set\_tb\_margin, smgtb, MT  
enter\_horizontal\_hl\_mode, ehhl, Xh  
enter\_left\_hl\_mode, elhl, Xl  
enter\_low\_hl\_mode, elohl, Xo  
enter\_right\_hl\_mode, erhl, Xr  
enter\_top\_hl\_mode, ethl, Xt  
enter\_vertical\_hl\_mode, evhl, Xv  
set\_a\_attributes, sgr1, sA  
set\_pglen\_inch, slength, sL

Found in path(s):

\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/capabilities.txt

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Found in path(s):

- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-terminal/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-remote-ssh/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-builtins/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-style/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-reader/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-terminal-jansi/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-remote-telnet/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-terminal-jna/pom.xml

# 1.779 icu 66.1-2ubuntu2.1

## 1.779.1 Available under license :

```
## -*-makefile-*-
## Copyright (C) 2016 and later: Unicode, Inc. and others.
## License & terms of use: http://www.unicode.org/copyright.html
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
## Copyright (c) 1999-2013, International Business Machines Corporation and
## others. All Rights Reserved.

## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,
```

```

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.${STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.${STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

## Versioned libraries rules

%.${SO}.${SO_TARGET_VERSION_MAJOR): %.${SO}.${SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%.${SO): %.${SO}.${SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.${SO}.${SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

```

# Dependencies [i.e. map files] for the final library

BIR\_DEPS=

## Remove shared library 's'

STATIC\_PREFIX\_WHEN\_USED =

STATIC\_PREFIX =

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# Jackson JSON processor

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\*  
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## 1.787 commons-io 1.3.2

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## 1.789 saaj 1.3

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## 1.790 libedit 3.1-20191231-1

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## 1.791 tiger-types 1.4

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```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head profile="http://www.w3.org/1999/xhtml/vocab">
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <link rel="shortcut icon" href="https://opensource.org/files/osi_favicon.png" type="image/png" />
  <meta name="HandheldFriendly" content="true" />
  <link rel="shortlink" href="/node/47" />
  <meta name="Generator" content="Drupal 7 (http://drupal.org)" />
  <link rel="canonical" href="/licenses/CDDL-1.0" />
  <meta name="MobileOptimized" content="width" />
  <title>Common Development and Distribution License (CDDL-1.0) | Open Source Initiative</title>
  <link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_xE-rWrJf-fncB6ztZfd2huxqgxu4WO-qwma6Xer30m4.css" media="all" />
  <link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_4p37TiWeuzRfdymI_IPgCuu6wEwSDhUquxUkHLI7QnU.css"
media="all" />
  <link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_MnXiytJtb186Ydycnpwpw34cuUsHaKc80ey5LiQXhSY.css"
media="all" />
  <link type="text/css" rel="stylesheet" href="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/css/bootstrap.min.css"
media="all" />
  <link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_KGZcOm3i1wmtbgZsjo-3V9FM4wZ-5UDcpJ7Vfzmt45E.css" media="all" />
  <link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_G9cu63kkDQ56GYuF3QrqJxma5HT-bUVZckUWKUzFCF4.css"
media="all" />
```

```

<!--[if (lt IE 9)]>
<link type="text/css" rel="stylesheet" href="https://opensource.org/sites/all/themes/bootstrap-
business/css/ie8.css?ol0qr1" media="all" />
<![endif]-->

<!-- HTML5 element support for IE6-8 -->
<!--[if lt IE 9]>
  <script src="//html5shiv.googlecode.com/svn/trunk/html5.js"></script>
<![endif]-->
<script type="text/javascript" src="//code.jquery.com/jquery-1.10.2.min.js"></script>
<script type="text/javascript">
<!--//--><![CDATA[//><!--
window.jQuery || document.write("<script
src='/sites/all/modules/jquery_update/replace/jquery/1.10/jquery.min.js'\>\x3C/script>")
//--><![>
</script>
<script type="text/javascript"
src="https://opensource.org/files/js/js_aczm2rRgH_slWBPnvD3KMrK7rwa1i99HOq8IUAb99Co.js"></script>
<script type="text/javascript" src="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/js/bootstrap.min.js"></script>
<script type="text/javascript">
<!--//--><![CDATA[//><!--
jQuery(document).ready(function($) {
  $(window).scroll(function() {
    if($(this).scrollTop() != 0) {
      $("#toTop").fadeIn();
    } else {
      $("#toTop").fadeOut();
    }
  });

  $("#toTop").click(function() {
    $("body,html").animate({scrollTop:0},800);
  });

});
//--><![>
</script>
<script type="text/javascript"
src="https://opensource.org/files/js/js_ruOYJN6FkJU2O5L1dAKVnDloSn5R6LjnLW88zFxS1Uw.js"></script>
<script type="text/javascript" src="https://opensource.org/files/js/js_JQHTvV_SkyFIN3f2BnQwnusF-
eI6tkX8wrKak2siiZU.js"></script>
<script type="text/javascript">
<!--//--><![CDATA[//><!--
jQuery.extend(Drupal.settings,
{"basePath":"\/","pathPrefix":"","ajaxPageState":{"theme":"bootstrap_business","theme_token":"Qt73Xdx7obPk_s
4eeCH7buQWxzLFf5Um2HpId-Siv9s"},"js":{"\/code.jquery.com\/jquery-
1.10.2.min.js":1,"0":1,"misc\/jquery.once.js":1,"misc\/drupal.js":1,"\/maxcdn.bootstrapcdn.com\/bootstrap\/3.2.0\/js

```

```

\bootstrap.min.js":1,"1":1,"sites\all\libraries\superfish\jquery.hoverIntent.minified.js":1,"sites\all\libraries\superfish\sftouchscreen.js":1,"sites\all\libraries\superfish\sfsmallscreen.js":1,"sites\all\libraries\superfish\supposition.js":1,"sites\all\libraries\superfish\superfish.js":1,"sites\all\libraries\superfish\supersubs.js":1,"sites\all\modules\superfish\superfish.js":1,"sites\all\themes\bootstrap-business\js\jquery.browser.min.js":1},"css":{"modules\system\system.base.css":1,"modules\system\system.menus.css":1,"modules\system\system.messages.css":1,"modules\system\system.theme.css":1,"modules\aggregator\aggregator.css":1,"modules\comment\comment.css":1,"modules\field\theme\field.css":1,"sites\all\modules\mollom\mollom.css":1,"modules\node\node.css":1,"modules\search\search.css":1,"modules\user\user.css":1,"sites\all\modules\views\css\views.css":1,"sites\all\modules\ctools\css\ctools.css":1,"\maxcdn.bootstrapcdn.com\bootstrap\3.2.0\css\bootstrap.min.css":1,"sites\all\libraries\superfish\css\superfish.css":1,"sites\all\themes\bootstrap-business\css\style.css":1,"sites\all\themes\bootstrap-business\color\colors.css":1,"sites\all\themes\bootstrap-business\css\local.css":1,"sites\all\themes\bootstrap-business\css\ie8.css":1}},urlIsAjaxTrusted":{"\licenses\cddl1.php":true},"superfish":{"1":{"id":"1","sf":{"animation":{"opacity":"show","height":"show"},"speed":"\u0027fast\u0027","autoArrows":false,"dropShadows":true,"disableHI":false},"plugins":{"touchscreen":{"mode":"window_width"},"smallscreen":{"mode":"window_width"},"addSelected":false,"menuClasses":false,"hyperlinkClasses":false,"title":"Navigation"},"supposition":true,"bgiframe":false,"supersubs":{"minWidth":"12","maxWidth":"27","extraWidth":1}}}}});
//--><![]]>
</script>
</head>
<body class="html not-front not-logged-in no-sidebars page-node page-node- page-node-47 node-type-page" >
  <div id="skip-link">
    <a href="#main-content" class="element-invisible element-focusable">Skip to main content</a>
  </div>
  <div id="toTop"><span class="glyphicon glyphicon-chevron-up"></span></div>

<!-- #header-top -->
<div id="header-top" class="clearfix">
  <div class="container">

    <!-- #header-top-inside -->
    <div id="header-top-inside" class="clearfix">
      <div class="row">

        <div class="col-md-8">
          <!-- #header-top-left -->
          <div id="header-top-left" class="clearfix">
            <div class="region region-header-top-left">
              <div id="block-menu-secondary-menu" class="block block-menu clearfix">

                <div class="content">
                  <ul class="menu"><li class="first leaf"><a href="/" title="">Home</a></li>
                  <li class="leaf"><a href="/blog" title="">From the Board</a></li>
                  <li class="leaf"><a href="/contact" title="">Contact</a></li>
                  <li class="last leaf"><a href="/civicrm/contribute/transact?reset=1&id=2" title="">Donate</a></li>

```

```

</ul> </div>
</div>
</div>
    </div>
    <!-- EOF:#header-top-left -->
</div>

    <div class="col-md-4">
    <!-- #header-top-right -->
    <div id="header-top-right" class="clearfix">
        <div class="region region-header-top-right">
<div id="block-search-form" class="block block-search clearfix">

<div class="content">
    <form action="/licenses/cddl1.php" method="post" id="search-block-form" accept-charset="UTF-8"><div><div
class="container-inline">
    <h2 class="element-invisible">Search form</h2>
    <div class="form-item form-type-textfield form-item-search-block-form">
<input onblur="if (this.value == &#039;&#039;) { this.value = &#039;Search this website...&#039;;}" onfocus="if
(this.value == &#039;Search this website...&#039;) { this.value = &#039;&#039;;}" type="text" id="edit-search-
block-form--2" name="search_block_form" value="Search this website..." size="15" maxlength="128"
class="form-text" />
</div>
<div class="form-actions form-wrapper" id="edit-actions"><input value="" type="submit" id="edit-submit"
name="op" class="form-submit" /></div><input type="hidden" name="form_build_id" value="form-
bHQObyvdpYpP9q-Fw-RUMqMbj_-M2JMQxkrV017VnrI" />
<input type="hidden" name="form_id" value="search_block_form" />
</div>
</div></form> </div>
</div>
</div>
    </div>
    <!-- EOF:#header-top-right -->
</div>

    </div>
</div>
<!-- EOF: #header-top-inside -->

</div>
</div>
<!-- EOF: #header-top -->

<!-- header -->
<header id="header" role="banner" class="clearfix">
    <div class="container">

```



```

<!-- #header-inside -->
<div id="header-inside" class="clearfix">
  <div class="row">
    <div class="col-md-8">

      <div id="logo">
        <a href="/" title="Home" rel="home">  </a>
      </div>

      <div id="site-name">
        <a href="/" title="Home">Open Source Initiative</a>
      </div>

    </div>

    <div class="col-md-4">

  </div>
</div>
</div>
</div>
<!-- EOF: #header-inside -->

</div>
</header>
<!-- EOF: #header -->

<!-- #main-navigation -->
<div id="main-navigation" class="clearfix">
  <div class="container">

    <!-- #main-navigation-inside -->
    <div id="main-navigation-inside" class="clearfix">
      <div class="row">
        <div class="col-md-12">
          <nav role="navigation">
            <div class="region region-navigation">
<div id="block-superfish-1" class="block block-superfish clearfix">

<div class="content">
  <ul id="superfish-1" class="menu sf-menu sf-navigation sf-horizontal sf-style-none sf-total-items-6 sf-parent-
items-6 sf-single-items-0"><li id="menu-37-1" class="first odd sf-item-1 sf-depth-1 sf-total-children-4 sf-parent-
children-2 sf-single-children-2 menuparent"><a href="/about" title="About the Open Source Initiative" class="sf-
depth-1 menuparent">About</a><ul><li id="menu-75-1" class="first odd sf-item-1 sf-depth-2 sf-no-children"><a
href="/history" title="History of the OSI" class="sf-depth-2">History</a></li><li id="menu-82-1" class="middle

```

even sf-item-2 sf-depth-2 sf-total-children-7 sf-parent-children-0 sf-single-children-7 menuparent"><a href="/board" title="Board of Directors" class="sf-depth-2 menuparent">Board</a><ul><li id="menu-83-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/docs/board-annotated" title="OSI Board -- With Annotations" class="sf-depth-3">Board - Annotated</a></li><li id="menu-96-1" class="middle even sf-item-2 sf-depth-3 sf-no-children"><a href="/minutes" title="Public Minutes of Board Meetings" class="sf-depth-3">Minutes</a></li><li id="menu-185-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children"><a href="/organization" title="These portfolios represent the activities of the current OSI board." class="sf-depth-3">Organization & Operations</a></li><li id="menu-95-1" class="middle even sf-item-4 sf-depth-3 sf-no-children"><a href="/articles-of-incorporation" title="OSI incorporation record" class="sf-depth-3">Articles of Incorporation</a></li><li id="menu-1475-1" class="middle odd sf-item-5 sf-depth-3 sf-no-children"><a href="/elections" class="sf-depth-3">Board Elections</a></li><li id="menu-84-1" class="middle even sf-item-6 sf-depth-3 sf-no-children"><a href="/bylaws" title="Bylaws of the Open Source Initiative" class="sf-depth-3">Bylaws</a></li><li id="menu-1317-1" class="last odd sf-item-7 sf-depth-3 sf-no-children"><a href="/conflict\_of\_interest\_policy" title="" class="sf-depth-3">Conflict of Interest</a></li></ul></li><li id="menu-1843-1" class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/trademark" title="" class="sf-depth-2 menuparent">Trademark & Logo</a><ul><li id="menu-184-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/trademark-guidelines" title="OSI's Trademark Policy" class="sf-depth-3">Trademark Guidelines</a></li><li id="menu-183-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/logo-usage-guidelines" title="Guidelines for appearance and usage of OSI Logo" class="sf-depth-3">Logo Guidelines</a></li></ul></li><li id="menu-126-1" class="last even sf-item-4 sf-depth-2 sf-no-children"><a href="/ToS" title="Rules for posting content on this site" class="sf-depth-2">Terms of Service</a></li></ul></li><li id="menu-65-1" class="middle even sf-item-2 sf-depth-1 sf-total-children-5 sf-parent-children-3 sf-single-children-2 menuparent"><a href="/licenses" class="sf-depth-1 menuparent">Licenses</a><ul><li id="menu-61-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent"><a href="/osd" title="The actual OSD defining what constitutes an Open Source licence" class="sf-depth-2 menuparent">Open Source Definition</a><ul><li id="menu-62-1" class="firststandlast odd sf-item-1 sf-depth-3 sf-no-children"><a href="/osd-annotated" title="The OSD with explanations and rationale interspersed." class="sf-depth-3">OSD - Annotated</a></li></ul></li><li id="menu-77-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a href="/licenses/category" title="Licenses by Category" class="sf-depth-2">Licenses by Category</a></li><li id="menu-72-1" class="middle odd sf-item-3 sf-depth-2 sf-no-children"><a href="/licenses/alphabetical" title="Licenses that are approved by the OSI as conforming to the OSD" class="sf-depth-2">Licenses by Name</a></li><li id="menu-66-1" class="middle even sf-item-4 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/approval" title="Certifying licences as OSD-compliant" class="sf-depth-2 menuparent">License Review Process</a><ul><li id="menu-67-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/proliferation" title="Supporting choice while maintaining sanity" class="sf-depth-3">Licence Proliferation</a></li><li id="menu-69-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/proliferation-report" title="License Proliferation Committee's report to the OSI Board" class="sf-depth-3">LP report to the Board</a></li></ul></li><li id="menu-99-1" class="last odd sf-item-5 sf-depth-2 sf-total-children-4 sf-parent-children-0 sf-single-children-4 menuparent"><a href="/osr-intro" title="Open Standards Requirement for Software" class="sf-depth-2 menuparent">Open Standards</a><ul><li id="menu-101-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/osr" title="An "open standard" must not prohibit conforming implementations in open source software." class="sf-depth-3">The Open Standards Requirement</a></li><li id="menu-102-1" class="middle even sf-item-2 sf-depth-3 sf-no-children"><a href="/osr-compliance" class="sf-depth-3">Open Standards Requirement Compliance</a></li><li id="menu-100-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children"><a href="/osr-rationale" class="sf-depth-3">Open Standards Requirement Rationale</a></li><li id="menu-103-1" class="last even sf-item-4 sf-depth-3 sf-no-children"><a href="/osr-faq" title="Frequently asked questions about the Open Standards Requirement" class="sf-depth-3">OSR Frequently Asked Questions</a></li></ul></li></ul></li></ul>

id="menu-1842-1" class="middle odd sf-item-3 sf-depth-1 sf-total-children-3 sf-parent-children-2 sf-single-children-1 menuparent"><a href="/membership" title="Page for our various membership programs" class="sf-depth-1 menuparent">Membership</a><ul><li id="menu-914-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent"><a href="/members" class="sf-depth-2 menuparent">Individuals</a><ul><li id="menu-897-1" class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children"><a href="/civicrm/contribute/transact?reset=1&id=1" title="" class="sf-depth-3">Join</a></li></ul></li><li id="menu-675-1" class="middle even sf-item-2 sf-depth-2 sf-total-children-3 sf-parent-children-0 sf-single-children-3 menuparent"><a href="/affiliates" title="Home page for OSI's membership scheme for non-profits and not-for-profits" class="sf-depth-2 menuparent">Affiliates</a><ul><li id="menu-676-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/affiliates/about" title="" class="sf-depth-3">Become an Affiliate</a></li><li id="menu-677-1" class="middle even sf-item-2 sf-depth-3 sf-no-children"><a href="/affiliates/list" title="Full list of non-profits and not-for-profits affiliated to OSI" class="sf-depth-3">List of Affiliates</a></li><li id="menu-2071-1" class="last odd sf-item-3 sf-depth-3 sf-no-children"><a href="/AffiliateRequirements" class="sf-depth-3">Affiliate Criteria</a></li></ul></li><li id="menu-1436-1" class="last odd sf-item-3 sf-depth-2 sf-no-children"><a href="/sponsors" class="sf-depth-2">Sponsors & Support</a></li></ul></li><li id="menu-1841-1" class="middle even sf-item-4 sf-depth-1 sf-total-children-4 sf-parent-children-1 sf-single-children-3 menuparent"><a href="/community" title="Page for our various community members." class="sf-depth-1 menuparent">Community</a><ul><li id="menu-63-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-4 sf-parent-children-0 sf-single-children-4 menuparent"><a href="/lists" title="The virtual committees where the OSI's work gets done" class="sf-depth-2 menuparent">Mailing lists</a><ul><li id="menu-78-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/codeofconduct" title="Guidelines for OSI Mailing Lists" class="sf-depth-3">General Code of Conduct</a></li><li id="menu-1072-1" class="middle even sf-item-2 sf-depth-3 sf-no-children"><a href="/codeofconduct/licensing" class="sf-depth-3">Licensing Code of Conduct</a></li><li id="menu-2111-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children"><a href="/public\_forums\_disclaimer" class="sf-depth-3">Disclaimer for OSI Public Forums</a></li><li id="menu-2110-1" class="last even sf-item-4 sf-depth-3 sf-no-children"><a href="/public\_archives\_policy" class="sf-depth-3">Policy on Public Communications and Archives</a></li></ul></li><li id="menu-2032-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a href="/volunteers" class="sf-depth-2">Volunteers</a></li><li id="menu-1846-1" class="middle odd sf-item-3 sf-depth-2 sf-no-children"><a href="http://wiki.opensource.org" title="" class="sf-depth-2">Wiki</a></li><li id="menu-1524-1" class="last even sf-item-4 sf-depth-2 sf-no-children"><a href="/store" class="sf-depth-2">OSI Store</a></li></ul></li><li id="menu-1840-1" class="middle odd sf-item-5 sf-depth-1 sf-total-children-5 sf-parent-children-1 sf-single-children-4 menuparent"><a href="/resources" title="Page offering resources to OSI personas" class="sf-depth-1 menuparent">Resources</a><ul><li id="menu-342-1" class="first odd sf-item-1 sf-depth-2 sf-no-children"><a href="/faq" title="Frequently Asked Questions about open source and about the OSI." class="sf-depth-2">FAQ</a></li><li id="menu-38-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a href="/blog" title="A group blog / aggregation point for OSI Board Member blogs" class="sf-depth-2">OSI Board Blog</a></li><li id="menu-45-1" class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/help" title="Resources for questions and further exploration" class="sf-depth-2 menuparent">Getting Help</a><ul><li id="menu-76-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/links" title="Links and References to Open Source" class="sf-depth-3">Bibliography</a></li><li id="menu-125-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/advocacy/case\_for\_business.php" title="How to advocate Open Source to businesses" class="sf-depth-3">Open Source Case for Business</a></li></ul></li><li id="menu-1514-1" class="middle even sf-item-4 sf-depth-2 sf-no-children"><a href="/working\_groups" class="sf-depth-2">Working Groups</a></li><li id="menu-12-1" class="last odd sf-item-5 sf-depth-2 sf-no-children"><a href="/osi-open-source-education" title="OSI's Open Source Education Initiative and Activities" class="sf-depth-2">Open Source Education</a></li></ul></li><li id="menu-1844-1" class="last even sf-item-6 sf-depth-1 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/news" title="Page dedicated to the latest news and

```
events." class="sf-depth-1 menuparent">News & Events</a><ul><li id="menu-1845-1" class="first odd sf-item-1
sf-depth-2 sf-no-children"><a href="/newsletters" title="Index of newsletters" class="sf-depth-
2">Newsletters</a></li><li id="menu-1999-1" class="last even sf-item-2 sf-depth-2 sf-no-children"><a
href="/events" class="sf-depth-2">Events</a></li></ul></li></ul> </div>
</div>
</div>
```

```
</nav>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<!-- EOF: #main-navigation-inside -->
```

```
</div>
```

```
</div>
```

```
<!-- EOF: #main-navigation -->
```

```
<!-- #page -->
```

```
<div id="page" class="clearfix">
```

```
<!-- #main-content -->
```

```
<div id="main-content">
```

```
<div class="container">
```

```
<!-- #messages-console -->
```

```
<!-- EOF: #messages-console -->
```

```
<div class="row">
```

```
<section class="col-md-12">
```

```
<!-- #main -->
```

```
<div id="main" class="clearfix">
```

```
<!-- EOF:#content-wrapper -->
```

```
<div id="content-wrapper">
```

```
<h1 class="page-title">Common Development and Distribution
```

```
License (CDDL-1.0)</h1>
```

```
<!-- #tabs -->
```

```
<div class="tabs">
```

```

        </div>
        <!-- EOF: #tabs -->

        <!-- #action links -->
        <!-- EOF: #action links -->

        <div class="region region-content">
        <div id="block-system-main" class="block block-system clearfix">

<div class="content">
    <article id="node-47" class="node node-page clearfix">

<div class="content">
    <div class="field field-name-body field-type-text-with-summary field-label-hidden"><div class="field-
items"><div class="field-item even"><div align="right">
<button onclick="myFunction()">Further resources on <b>CDDL-1.0</b></button>

<p id="demo"></p>

<script>
<!--/--><![CDATA[// ><!--

function myFunction() {
    var x;
    if (confirm("Disclaimer: While the OSI acknowledges these as potentially helpful resources for the community, it
does not endorse any content, contributors or license interpretations from these websites. Any links to these
resources across opensource.org are solely for navigational purposes. The OSI does not promote or exclusively favor
any of the mentioned resources, but instead provides them as separate third-party resource to help inform your
opinion. Any content from or links to these resources are separate from the OSI, exist for purely informational
purposes and creates no attorney-client relationship between you, the OSI or the resources. If you have questions
about how licenses apply to you or your organization, you should seek legal advice. ") == true) {
        x = "<br><p>The following are other community resources that may be helpful:<br><br><a
href=https://tldrlegal.com/license/common-development-and-distribution-license-%28cddl-1.0%29-explained
style='font-weight: bold;'>Common Development and Distribution License (CDDL-1.0) on TLDRLegal<br><a
href=http://www.gnu.org/licenses/license-list.en.html>GNU License List<br><a
href=https://en.wikipedia.org/wiki/Comparison_of_free_and_open-source_software_licenses>Wikipedia License
List<br><a href=http://oss-watch.ac.uk/apps/licdiff/>OSSWatch License Diff<br><a
href=choosealicense.com>Choosealicense";
    } else {
        x = " ";
    }
    document.getElementById("demo").innerHTML = x;
}

//--><![>
</script></div>

```

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Version 1.0 (CDDL-1.0)

([text](cddl1.txt))

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</li></ul></div></div></div> </div>

</article> </div>

</div>

</div>

</div>

<!-- EOF:#content-wrapper -->

</div>

<!-- EOF:#main -->

</section>

</div>

</div>

</div>

<!-- EOF:#main-content -->

</div>

<!-- EOF:#page -->

```

<footer id="subfooter" class="clearfix">
  <div class="container">

    <!-- #subfooter-inside -->
    <div id="subfooter-inside" class="clearfix">
      <div class="row">
        <div class="col-md-12">
          <!-- #subfooter-left -->
          <div class="subfooter-area">

              <div class="region region-footer">
<div id="block-block-11" class="block block-block clearfix">

<div class="content">
  <div class="filler" style="vertical-align: middle; display: inline-block;">
<p style="margin: 0pt auto; display: table-cell; text-align: center; vertical-align: middle;">
<a href="https://twitter.com/OpenSourceOrg" style="margin: 0pt auto; display: table-cell; text-align: center;
vertical-align: middle;"></a>

<a href="https://plus.google.com/+opensourceinitiative" style="margin: 0pt auto; display: table-cell; text-align:
center; vertical-align: middle;"></a>

<a href="https://www.linkedin.com/company/open-source-initiative-osi-" style="margin: 0pt auto; display: table-
cell; text-align: center; vertical-align: middle;"></a>

<a href="http://wiki.opensource.org" style="margin: 0pt auto; display: table-cell; text-align: center; vertical-align:
middle;"></a>

<a href="http://creativecommons.org/licenses/by/4.0/" style="margin: 0pt auto; display: table-cell; text-align:
center; vertical-align: middle;"></a>

<script id="fbwiuwz">
<!--//--><![CDATA[// ><!--
(function(i){var
f,s=document.getElementById(i);f=document.createElement('iframe');f.src="//api.flattr.com/button/view/?uid=osi&u
rl=http%3A%2F%2Fopensource.org';f.title='Flattr';f.height=70;f.width=70;f.style.borderWidth=0;s.parentNode.inse
rtBefore(f,s);})('fbwiuwz');
//--><![]]>
</script></p>
</div>

```

```

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</p>
<p>
<a href="..ToS">Terms of Service</a>
</p>
</div>
</div>
</div>
<div id="block-block-7" class="block block-block clearfix">

<div class="content">
  <script src="https://www.google-analytics.com/urchin.js" type="text/javascript">
<!--/--><![CDATA[// ><!--

//--><!]]>
</script><script type="text/javascript">
<!--/--><![CDATA[// ><!--

_uacct = "UA-3916956-1";
urchinTracker();

//--><!]]>
</script> </div>
</div>
</div>

      </div>
      <!-- EOF: #subfooter-left -->
    </div>
  </div>
</div>
<!-- EOF: #subfooter-inside -->

</div>
</footer>
<!-- EOF:#subfooter -->
</body>
</html>

```



# 1.792 go-systemd 0.0.0-20180511133405-39ca1b05acc7

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## 1.793 metrics-annotation 4.1.16

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Found in path(s):

\* /opt/cola/permits/1257332962\_1642801933.56/0/logging-interceptor-3-12-12-sources-jar/okhttp3/logging/HttpLoggingInterceptor.java  
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\* /opt/cola/permits/1257332962\_1642801933.56/0/logging-interceptor-3-12-12-sources-jar/okhttp3/logging/LoggingEventListener.java

# 1.796 klauspost-compress 1.12.2

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\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/util/JAXBResult.java  
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jar/javax/xml/bind/DatatypeConverterImpl.java

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# 1.803 javax-annotation-api 1.3.2

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# 1.807 pcre 8.39-12ubuntu0.1

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel

Email local part: ph10  
Email domain: cam.ac.uk

University of Cambridge Computing Service,  
Cambridge, England.

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#### PCRE JUST-IN-TIME COMPILATION SUPPORT

-----

Written by: Zoltan Herczeg  
Email local part: hzmester  
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# 1.808 kubernetes-component-base 0.0.0

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## 1.809 snake-yaml 2.0

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 */
```

Found in path(s):

```
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/representer/SafeRepresenter.java
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/parser/Parser.java
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
```

jar/org/yaml/snakeyaml/nodes/ScalarNode.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/tokens/ValueToken.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/events/StreamEndEvent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/events/CollectionEndEvent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/events/AliasEvent.java  
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jar/org/yaml/snakeyaml/events/ScalarEvent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/emitter/EmitterState.java  
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jar/org/yaml/snakeyaml/tokens/DirectiveToken.java  
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jar/org/yaml/snakeyaml/events/StreamStartEvent.java  
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jar/org/yaml/snakeyaml/nodes/AnchorNode.java  
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jar/org/yaml/snakeyaml/representer/Represent.java  
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\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/ArrayUtils.java



\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/YAMLEException.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/Emitter.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/MappingEndEvent.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/ArrayStack.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/EnumUtils.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/TypeDescription.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/ScannerException.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/SequenceNode.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/resolver/Resolver.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/TagInspector.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/Constructor.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/SimpleKey.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/TagToken.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/Token.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/AnchorToken.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/BaseConstructor.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/StreamEndToken.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/composer/Composer.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/Tag.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/NodeEvent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/StreamReader.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/internal/Logger.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/MappingStartEvent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/KeyToken.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/TagTuple.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/MissingProperty.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/Event.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentType.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/GenericProperty.java  
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Found in path(s):

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml

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Found in path(s):

```
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java
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/**
 * A Base64 encoder/decoder.
 *
 * <p>
 * This class is used to encode and decode data in Base64 format as described in RFC 1521.
 *
 * <p>
 * Project home page: <a href="http://www.source-code.biz/base64coder/java/">www.
 * source-code.biz/base64coder/java</a><br>
 * Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland<br>
 * Multi-licensed: EPL / LGPL / GPL / AL / BSD.
 */
```

Found in path(s):

```
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java
```

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Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

-----

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

-----

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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# 1.814 oras.land-oras-go 1.2.2

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# 1.815 istack-commons 3.0.5

## 1.815.1 Available under license :

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Manifest-Version: 1.0

Bundle-Description: istack common utility code

Implementation-Title: istack common utility code runtime

Bundle-License: [https://glassfish.java.net/public/CDDL+GPL\\_1\\_1.html](https://glassfish.java.net/public/CDDL+GPL_1_1.html), h

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Bundle-SymbolicName: com.sun.istack.common-runtime

Implementation-Version: 3.0.5

Built-By: build

Bnd-LastModified: 1486772850426

Bundle-ManifestVersion: 2  
Implementation-Vendor-Id: com.sun.istack  
Bundle-DocURL: http://www.oracle.com/  
Bundle-Vendor: Oracle Corporation  
Import-Package: javax.activation,javax.xml.namespace,javax.xml.stream,  
org.xml.sax,org.xml.sax.helpers  
Require-Capability: osgi.ee;filter:=("&(osgi.ee=JavaSE)(version=1.7)")  
Tool: Bnd-3.2.0.201605172007  
Implementation-Vendor: Oracle Corporation  
Export-Package: com.sun.istack;uses:="javax.activation,javax.xml.strea  
m,org.xml.sax,org.xml.sax.helpers";version="3.0.5",com.sun.istack.log  
ging;version="3.0.5",com.sun.istack.localization;version="3.0.5"  
Bundle-Name: istack common utility code runtime  
Bundle-Version: 3.0.5  
Implementation-Build-Id: tags/istack-commons-3.0.5-321, 2017-02-11T01:  
27:24+0100  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk: 1.8.0\_112

Found in path(s):

\* /opt/cola/permits/1334904685\_1653676440.7415743/0/istack-commons-runtime-3-0-5-jar/META-  
INF/MANIFEST.MF

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Found in path(s):

\* /opt/cola/permits/1334904685\_1653676440.7415743/0/istack-commons-runtime-3-0-5-jar/META-INF/maven/com.sun.istack/istack-commons-runtime/pom.xml

# 1.816 zlib 1.2.12

## 1.816.1 Available under license :

\* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.12, March 11th, 2022

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Jean-loup Gailly      Mark Adler

jloup@gzip.org

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), [rfc1951](http://tools.ietf.org/html/rfc1951) (deflate format) and [rfc1952](http://tools.ietf.org/html/rfc1952) (gzip format).

\*/

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## 1.817 exponent-io-jsonpath 0.0.0-

### 20151013193312-d6023ce2651d

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## 1.818 cyphar-filepath-securejoin 0.2.3

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## 1.819 go.uber.org/atomic 1.7.0



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## 1.820 evanphx-json-patch

### 4.12.0+incompatible

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# 1.821 docker-distribution 2.8.1+incompatible

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Gocheck - A rich testing framework for Go

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# 1.822 kubernetes/component-helpers 0.0.0

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# 1.825 libxmu 1.1.3-0ubuntu1

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[Misc C library code]

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 */
```

-----  
[zlib]

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.3, July 18th, 2005
```

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

\*/

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[dialyzer]

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[hipe]

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[edoc, syntax\_tools]

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# 1.828 fatih-camelcase 1.0.0

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## 1.831 gettext-go 1.0.2

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## 1.837 netty-resolver 4.1.86.Final

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* /opt/cola/permits/1509095582_1671044586.3678293/0/netty-resolver-4-1-86-final-sources-jar/META-INF/maven/io.netty/netty-resolver/pom.xml
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\* /opt/cola/permits/1509095582\_1671044586.3678293/0/netty-resolver-4-1-86-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java  
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- \* /opt/cola/permits/1509095582\_1671044586.3678293/0/netty-resolver-4-1-86-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java
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- \* /opt/cola/permits/1509095582\_1671044586.3678293/0/netty-resolver-4-1-86-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java

# 1.838 findutils 4.7.0-1ubuntu1

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# 1.842 kubernetes-cliruntime 0.26.0

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# 1.846 kubernetes-apimachinery 0.0.0

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# 1.850 profiler 1.1.1

## 1.850.1 Available under license :

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```
/*  
* jQuery Templates Plugin 1.0.0pre  
* http://github.com/jquery/jquery-tmpl  
* Requires jQuery 1.4.2  
*  
* Copyright Software Freedom Conservancy, Inc.  
* Dual licensed under the MIT or GPL Version 2 licenses.  
* http://jquery.org/license  
*/
```

Found in path(s):

```
* /opt/cola/permits/1257333100_1642801922.15/0/gae-mini-profiler-1-1-1-sources-  
jar/ca/jimr/gae/profiler/resources/jquery.templ.min.js
```

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```
/*!  
* jQuery JavaScript Library v1.6.2  
* http://jquery.com/  
*  
* Copyright 2011, John Resig  
* Dual licensed under the MIT or GPL Version 2 licenses.  
* http://jquery.org/license  
*  
* Includes Sizzle.js  
* http://sizzlejs.com/  
* Copyright 2011, The Dojo Foundation  
* Released under the MIT, BSD, and GPL Licenses.  
*  
* Date: Thu Jun 30 14:16:56 2011 -0400  
*/
```

Found in path(s):

```
* /opt/cola/permits/1257333100_1642801922.15/0/gae-mini-profiler-1-1-1-sources-
```

jar/ca/jimr/gae/profiler/resources/jquery-1.6.2.min.js

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Found in path(s):

\* /opt/cola/permits/1257333100\_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/com/google/appengine/tools/appstats/MiniProfilerAppstats.java

\* /opt/cola/permits/1257333100\_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/ca/jimr/gae/profiler/MiniProfiler.java

\* /opt/cola/permits/1257333100\_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/ca/jimr/gae/profiler/MiniProfilerFilter.java

\* /opt/cola/permits/1257333100\_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/ca/jimr/gae/profiler/resources/MiniProfilerResourceLoader.java

\* /opt/cola/permits/1257333100\_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/ca/jimr/gae/profiler/MiniProfilerServlet.java

# 1.851 javax-el 3.0.0

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## 1.860 netbase 6.1

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```
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/bootstrap/package-info.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/metadata/CascadableDescriptor.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/ConstraintTarget.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/metadata/GroupConversionDescriptor.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/metadata/CrossParameterDescriptor.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/spi/package-info.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/executable/package-info.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/constraints/package-info.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/package-
info.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/metadata/package-info.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/validation/ValidationTarget.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/validation/package-info.java
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\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraintvalidation/SupportedValidationTarget.java

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jar/javax/validation/executable/ValidateOnExecution.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/executable/ExecutableType.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/metadata/ReturnValueDescriptor.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/executable/ExecutableValidator.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/ElementKind.java
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jar/javax/validation/Configuration.java

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\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/spi/ConfigurationState.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/ConstraintViolationException.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/ConstraintValidatorFactory.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/ValidatorFactory.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/ValidatorContext.java

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jar/javax/validation/ReportAsSingleViolation.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/metadata/BeanDescriptor.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/DecimalMax.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/groups/package-info.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/ConstraintViolation.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/Validator.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/DecimalMin.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/Path.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/MessageInterpolator.java  
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\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/GroupDefinitionException.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/ConstraintDeclarationException.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/Validation.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/AssertFalse.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-



jar/javax/validation/TraversableResolver.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Future.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Size.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/AssertTrue.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/spi/BootstrapState.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/Payload.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/ConstraintDefinitionException.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/spi/ValidationProvider.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/ValidationException.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Null.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/Valid.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/groups/Default.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/OverridesAttribute.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Min.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/UnexpectedTypeException.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/bootstrap/GenericBootstrap.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Digits.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Past.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Max.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Pattern.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/ConstraintValidator.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/ValidationProviderResolver.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/metadata/Scope.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/metadata/PropertyDescriptor.java

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* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/metadata/ElementDescriptor.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/constraints/NotNull.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/Constraint.java
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jar/javax/validation/ParameterNameProvider.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/metadata/ConstructorDescriptor.java
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Found in path(s):

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/groups/ConvertGroup.java

# 1.862 protobuf 1.25.0

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\* /opt/cola/permits/1212202758\_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-jar/io/grpc/protobuf/ProtoServiceDescriptorSupplier.java

\* /opt/cola/permits/1212202758\_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-jar/io/grpc/protobuf/package-info.java

\* /opt/cola/permits/1212202758\_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-jar/io/grpc/protobuf/ProtoMethodDescriptorSupplier.java

\* /opt/cola/permits/1212202758\_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-jar/io/grpc/protobuf/StatusProto.java

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\* /opt/cola/permits/1212202758\_1634074081.68/0/grpc-protobuf-1-25-0-sources-1-jar/io/grpc/protobuf/ProtoUtils.java

# 1.863 joda-time 2.10.9

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Upstream-Name: lz4

Source: <https://github.com/Cyan4973/lz4>

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## 1.865 okio 1.15.0

## 1.866 hikaricp-java7 2.4.13

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* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-
zip/com/zaxxer/hikari/pool/HikariPool.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-
zip/com/zaxxer/hikari/metrics/dropwizard/CodaHaleMetricsTracker.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-
zip/com/zaxxer/hikari/metrics/MetricsTracker.java
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* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-
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zip/com/zaxxer/hikari/metrics/dropwizard/CodahaleMetricsTrackerFactory.java

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zip/com/zaxxer/hikari/util/ClockSource.java

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zip/com/zaxxer/hikari/pool/PoolBase.java

\* /opt/cola/permits/203480980\_1651176812.86/0/hikaricp-java7-2-4-13-sources-

zip/com/zaxxer/hikari/metrics/prometheus/HikariCPCollector.java  
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zip/com/zaxxer/hikari/pool/PoolEntry.java  
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zip/com/zaxxer/hikari/pool/ProxyStatement.java  
\* /opt/cola/permits/203480980\_1651176812.86/0/hikaricp-java7-2-4-13-sources-

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\* /opt/cola/permits/203480980\_1651176812.86/0/hikaricp-java7-2-4-13-sources-  
zip/com/zaxxer/hikari/HikariPoolMXBean.java  
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zip/com/zaxxer/hikari/HikariConfig.java  
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zip/com/zaxxer/hikari/util/FastList.java  
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zip/com/zaxxer/hikari/pool/ProxyConnection.java  
\* /opt/cola/permits/203480980\_1651176812.86/0/hikaricp-java7-2-4-13-sources-  
zip/com/zaxxer/hikari/util/DriverDataSource.java

\* /opt/cola/permits/203480980\_1651176812.86/0/hikaricp-java7-2-4-13-sources-  
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\* /opt/cola/permits/203480980\_1651176812.86/0/hikaricp-java7-2-4-13-sources-  
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\* /opt/cola/permits/203480980\_1651176812.86/0/hikaricp-java7-2-4-13-sources-  
zip/com/zaxxer/hikari/util/SuspendResumeLock.java  
\* /opt/cola/permits/203480980\_1651176812.86/0/hikaricp-java7-2-4-13-sources-  
zip/com/zaxxer/hikari/util/JavassistProxyFactory.java

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# 1.868 google-go-cmp 0.5.9

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## 1.869 jetty-setuid-java 1.0.4

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```

Found in path(s):

```
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-
jar/org/eclipse/jetty/setuid/SetUIDListener.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-
jar/org/eclipse/jetty/setuid/SetUIDServer.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-
jar/org/eclipse/jetty/setuid/SetUID.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-
jar/org/eclipse/jetty/setuid/Group.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-
jar/org/eclipse/jetty/setuid/RLimit.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-
jar/org/eclipse/jetty/setuid/Passwd.java
```

## 1.870 kr-fs 0.1.0

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## 1.871 victoriametrics-metrics 1.23.0

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## 1.872 p11-kit 0.23.20-1ubuntu0.1

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## 1.873 fiorix-go-diameter 3.0.2+incompatible

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# Use the following command to generate the list

#

# git shortlog -se | awk '{print \$2 " " \$3 " " \$4}'

#

# and do appropriate cleanups.

DanB <danb@cgrates.org>

David Wilkie <dwilkie@gmail.com>

Seyi Ogunyemi <micrypt@users.noreply.github.com>

Tapio <fitase@emblacom.com>

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```
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/KeeperException.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/auth/WrappedAuthenticationProvider.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/UnimplementedRequestProcessor.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/ReferenceCountedACLCache.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/quorum/LeaderElectionMXBean.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/metrics/Counter.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/quorum/Observer.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/auth/ServerAuthenticationProvider.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/ClientCnxn.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/command/WatchCommand.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/ServerCnxnFactory.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
```

jar/org/apache/zookeeper/server/ServerMetrics.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/common/IOUtils.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/cli/RemoveWatchesCommand.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/common/AtomicFileWritingIdiom.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/SaslServerPrincipal.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/SessionTracker.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/common/ZKHostnameVerifier.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/auth/DigestLoginModule.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/util/ConfigUtils.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/ConnectionMXBean.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/command/DigestCommand.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/SyncRequestProcessor.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/DataTreeBean.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumServerCallbackHandler.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/auth/EnsembleAuthenticationProvider.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/ServerCnxn.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/ZooKeeperServerMXBean.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/Quotas.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/quorum/Leader.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/common/NettyUtils.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/ClientWatchManager.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/client/ConnectStringParser.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/persistence/FileTxnSnapLog.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/util/KerberosUtil.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-



jar/org/apache/zookeeper/server/BlueThrottle.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/util/AuthUtil.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/persistence/SnapshotInfo.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/ZooKeeperServerShutdownHandler.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/command/SetTraceMaskCommand.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/metrics/MetricsProviderLifecycleException.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/cli/CliCommand.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/cli/CliParseException.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/common/FileKeyStoreLoader.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/quorum/LearnerMaster.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
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\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/ZooKeeperServerMain.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/AsyncCallback.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/quorum/QuorumZooKeeperServer.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/metric/SimpleCounter.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/cli/AddWatchCommand.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/quorum/QuorumCnxManager.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/admin/AdminServerFactory.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/NettyServerCnxn.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/ZooTrace.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/CreateMode.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/quorum/CommitProcessor.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/quorum/LocalPeerBean.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/quorum/SendAckRequestProcessor.java  
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\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
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\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
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\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
jar/org/apache/zookeeper/server/persistence/TxnLog.java  
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- \* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/SyncCommand.java
- \* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/GetAclCommand.java
- \* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/LsCommand.java
- \* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/VersionCommand.java
- \* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/GetAllChildrenNumberCommand.java

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- \* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/util/CircularBuffer.java
- \* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/util/MessageTracker.java

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jar/org/apache/zookeeper/Transaction.java

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jar/org/apache/zookeeper/MultiResponse.java

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jar/org/apache/zookeeper/OpResult.java

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jar/org/apache/zookeeper/server/admin/CommandResponse.java

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jar/org/apache/zookeeper/Op.java

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jar/org/apache/zookeeper/server/watch/WatchesReport.java

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jar/org/apache/zookeeper/MultiOperationRecord.java  
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jar/org/apache/zookeeper/server/watch/WatchesSummary.java  
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jar/org/apache/zookeeper/server/watch/WatchesPathReport.java  
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jar/org/apache/zookeeper/server/ZooKeeperServerConf.java  
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jar/org/apache/zookeeper/server/ContainerManager.java  
\* /opt/cola/permits/1634239220\_1681207436.7456996/0/zookeeper-3-6-4-sources-  
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jar/org/apache/zookeeper/server/util/RequestPathMetricsCollector.java

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jar/org/apache/zookeeper/common/PathUtils.java

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jar/org/apache/zookeeper/util/CircularBlockingQueue.java

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jar/org/apache/zookeeper/server/watch/WatcherMode.java

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jar/org/apache/zookeeper/server/TxnLogEntry.java

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## 4.1.92.Final

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* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/netty_unix_limits.c
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/io/netty/channel/unix/SocketWritableByteChannel.java
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/netty_unix_limits.h
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java
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jar/netty_unix_util.h
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jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java
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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/PreferredDirectByteBufferAllocator.java  
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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/DomainDatagramChannelConfig.java  
\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/SegmentedDatagramPacket.java  
\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/DomainDatagramPacket.java  
\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/DomainDatagramSocketAddress.java  
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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java  
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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/UnixChannel.java  
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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java  
\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/ServerDomainSocketChannel.java  
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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/DomainSocketChannelConfig.java  
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# 1.877 berkeley-db 5.3.28+dfsg1-0.6ubuntu2

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## 1.879 pyasn1 0.4.8

### 1.879.1 Available under license :

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Metadata-Version: 1.2

Name: pyasn1

Version: 0.4.8

Summary: ASN.1 types and codecs

Home-page: <https://github.com/etingof/pyasn1>

Author: Ilya Etingof

Author-email: [etingof@gmail.com](mailto:etingof@gmail.com)

Maintainer: Ilya Etingof <[etingof@gmail.com](mailto:etingof@gmail.com)>

License: BSD

Description: Pure-Python implementation of ASN.1 types and DER/BER/CER codecs (X.208)

Platform: any

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Console

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: Education

Classifier: Intended Audience :: Information Technology

Classifier: Intended Audience :: System Administrators

Classifier: Intended Audience :: Telecommunications Industry

Classifier: License :: OSI Approved :: BSD License

Classifier: Natural Language :: English

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python :: 2



Classifier: Programming Language :: Python :: 2.4  
Classifier: Programming Language :: Python :: 2.5  
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ASN.1 library for Python

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[blue.svg](https://raw.githubusercontent.com/etingof/pyasn1/master/LICENSE.txt))](<https://raw.githubusercontent.com/etingof/pyasn1/master/LICENSE.txt>)

This is a free and open source implementation of ASN.1 types and codecs

as a Python package. It has been first written to support particular

protocol (SNMP) but then generalized to be suitable for a wide range

of protocols based on

[ASN.1 specification]([https://www.itu.int/rec/dologin\\_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items)).

Features

-----

- \* Generic implementation of ASN.1 types (X.208)
- \* Standards compliant BER/CER/DER codecs
- \* Dumps/loads ASN.1 structures from Python types
- \* 100% Python, works with Python 2.4 up to Python 3.7
- \* MT-safe
- \* Contributed ASN.1 compiler [Asn1ate](<https://github.com/kimgr/asn1ate>)

Why using pyasn1

-----

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1.  
[Communication between heterogeneous systems](<http://www.oss.com/asn1/dubuisson.html>)  
by Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

-----

With pyasn1 you can build Python objects from ASN.1 data structures. For example, the following ASN.1 data structure:

```
```bash
Record ::= SEQUENCE {
  id    INTEGER,
  room  [0] INTEGER OPTIONAL,
  house [1] INTEGER DEFAULT 0
}
```
```

Could be expressed in pyasn1 like this:

```
```python
class Record(Sequence):
    componentType = NamedTypes(
        NamedType('id', Integer()),
        OptionalNamedType(
            'room', Integer().subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
            )
        ),
        DefaultedNamedType(
            'house', Integer(0).subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
            )
        )
    )
```
```

It is in the spirit of ASN.1 to take abstract data description

and turn it into a programming language specific form.

Once you have your ASN.1 data structure expressed in Python, you can use it along the lines of similar Python type (e.g. ASN.1 `SET` is similar to Python `dict`, `SET OF` to `list`):

```
```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
```
```

Part of the power of ASN.1 comes from its serialisation features. You can serialise your data structure and send it over the network.

```
```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```
```

Conversely, you can turn serialised ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```
```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>>     print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```
```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```
```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```
```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id': 123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
room=321
>>>
```
```

With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](<http://snmplabs.com/pyasn1/>), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](<https://github.com/etingof/pyasn1-modules>).

How to get pyasn1

-----

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](<http://snmplabs.com/pyasn1/license.html>). Source code is freely available as a GitHub [repo](<https://github.com/etingof/pyasn1>).

You could `pip install pyasn1` or download it from [PyPI](<https://pypi.org/project/pyasn1>).

If something does not work as expected, [open an issue](<https://github.com/etingof/pyasn1/issues>) at GitHub or post your question [on Stack Overflow](<https://stackoverflow.com/questions/ask>)

or try browsing pyasn1

[mailing list archives](<https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/>).

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\* /opt/cola/permits/1110812511\_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/der/decoder.py

\* /opt/cola/permits/1110812511\_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test\_tag.py

\* /opt/cola/permits/1110812511\_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/der/\_\_main\_\_.py

\* /opt/cola/permits/1110812511\_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/compat/test\_binary.py

\* /opt/cola/permits/1110812511\_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/namedtype.py

```

* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/useful.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_useful.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/compat/__main__.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/string.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/cer/test_decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/univ.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/cer/decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/compat/test_octets.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/ber/eoo.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-
0.4.8/tests/codec/der/test_encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/calling.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-
0.4.8/tests/codec/ber/test_decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-
0.4.8/pyasn1/codec/native/decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/der/encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/cer/encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_univ.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/cer/test_encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-
0.4.8/tests/codec/der/test_decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/tag.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/error.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/char.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-
0.4.8/tests/codec/native/test_decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/binary.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/opentype.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/octets.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_namedtype.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-
0.4.8/tests/codec/native/test_encoder.py

```

No license file was found, but licenses were detected in source scan.

ASN.1 library for Python

=====

```

.. toctree::
   :maxdepth: 1

```

Abstract Syntax Notation One (ASN.1

<[http://en.wikipedia.org/wiki/Abstract\\_Syntax\\_Notation\\_1x](http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x)>\_) is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1` <<https://pypi.org/project/pyasn1/>>\_ library implements

ASN.1 support in pure-Python.

What is ASN.1

-----

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on it was split off the e-mail application and became a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting discussions <<https://news.ycombinator.com/item?id=8871453>> on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's `ProtoBuffers` <<https://developers.google.com/protocol-buffers/>> or `FlatBuffers` <<https://google.github.io/flatbuffers/>>, for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

- \* Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.
- \* Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.
- \* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications

-----

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:



- \* Signaling standards for the public switched telephone network (SS7 family)
- \* Network management standards (SNMP, CMIP)
- \* Directory standards (X.500 family, LDAP)
- \* Public Key Infrastructure standards (X.509, etc.)
- \* PBX control (CSTA)
- \* IP-based Videoconferencing (H.323 family)
- \* Biometrics (BIP, CBEFF, ACBio)
- \* Intelligent transportation (SAE J2735)
- \* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

## ASN.1 gotchas

-----

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the `statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>` on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

## Documentation

-----

```
.. toctree::
   :maxdepth: 2

   /pyasn1/contents
```

## Use case

-----

```
.. toctree::
   :maxdepth: 2

   /example-use-case
```

## Download & Install

-----

```
.. toctree::
   :maxdepth: 2

   /download
```

## Changes

-----

All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

```
.. toctree::  
    :maxdepth: 1
```

```
/changelog
```

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-----

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```
.. toctree::  
    :maxdepth: 2
```

```
/license
```

Getting help

-----

Please, file your `issues` <<https://github.com/etingof/pyasn1/issues>>` \_ and `PRs` <<https://github.com/etingof/pyasn1/pulls>>` \_ at GitHub. Alternatively, you could ask for help at `Stack Overflow` <<http://stackoverflow.com/questions/tagged/pyasn1>>` \_ or search `pyasn1-users` <<https://lists.sourceforge.net/lists/listinfo/pyasn1-users>>` \_ mailing list archive.

Books on ASN.1

-----

The pyasn1 implementation is largely based on reading up the following awesome books:

- \* `ASN.1 - Communication between heterogeneous systems` <<http://www.oss.com/asn1/dubuisson.html>>` \_ by Olivier Dubuisson
- \* `ASN.1 Complete` <<http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>>` \_ by Prof John Larmouth

Here you can get the official standards which is hard to read:

- \* `ITU standards` <<http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>>` \_

On the other end of the readability spectrum, here is a quick and sweet write up:

\* `A Layman's Guide to a Subset of ASN.1, BER, and DER <<ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>>`  
by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

Found in path(s):

\* /opt/cola/permits/1110812511\_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/docs/source/contents.rst

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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# 1.882 kr-pretty 0.1.0

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# 1.883 commons-lang3 3.1

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# 1.884 hibernate-validator 5.4.3.Final

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 *
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 */
/*
 * Written by Doug Lea with assistance from members of JCP JSR-166
 * Expert Group and released to the public domain, as explained at
 * http://creativecommons.org/licenses/publicdomain
 */
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java
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jar/org/hibernate/validator/internal/util/TypeHelper.java
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```
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 *
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 */
/**
 * Retrieves constraint related meta data for the parameters of the given
 * executable.
 *
 * @param executable The executable of interest.
 *
 * @return A list with parameter meta data for the given executable.
 */
```

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```
* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
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- \* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/constraints/ScriptAssert.java
- \* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForMap.java
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- \* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/cfg/defs/NotBlankDef.java
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- \* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/ParameterConstraintMappingContextImpl.java
- \* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorManager.java
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- \* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfDouble.java
- \* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/ExecutableElement.java
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jar/org/hibernate/validator/internal/engine/MethodValidationConfiguration.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-

jar/org/hibernate/validator/resourceloading/DelegatingResourceBundleLocator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForCollection.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/internal/util/privilegedactions/NewSchema.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/cfg/defs/MinDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfShort.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/constraints/CreditCardNumber.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/past/PastValidatorForReadablePartial.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredField.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/future/FutureValidatorForReadablePartial.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/cfg/context/ReturnValueConstraintMappingContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/cfg/defs/NotNullDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/internal/engine/resolver/CachingTraversableResolverForSingleValidation.java  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/hv/ParameterScriptAssertValidator.java  
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```
/*
 * Hibernate Validator, declare and validate application constraints
 *
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 */
/**
 * <p>
 * A method-level constraint, that evaluates a script expression against the
 * annotated method or constructor. This constraint can be used to implement
 * validation routines that depend on several parameters of the annotated
 * executable.
 * </p>
 * <p>
 * Script expressions can be written in any scripting or expression language,
 * for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
 * ("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
 * found on the classpath. To refer to a parameter within the scripting
 * expression, use its name as obtained by the active
 * { @link javax.validation.ParameterNameProvider}. By default, { @code arg0}, { @code arg1 } etc.
 * will be used as parameter names.
 */
```

```

* </p>
* <p>
* The following listing shows an example using the JavaScript engine which
* comes with the JDK:
* </p>
* <pre>
* { @code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
* </pre>
* <p>
* Can be specified on any method or constructor.
* </p>
*
* @author Gunnar Morling
*/

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/constraints/ParameterScriptAssert.java

```

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~ Hibernate Validator, declare and validate application constraints

~

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Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/META-INF/validation-configuration-1.0.xsd

```

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/internal/metadata/core/package.html

```

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/internal/cfg/package.html

```

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/internal/metadata/provider/package.html

```

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/cfg/defs/br/package.html

```

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/internal/metadata/facets/package.html

```

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/internal/engine/messageinterpolation/el/package.html

```

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/package.html

```

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/spi/group/package.html

```

```

* /opt/ws_local/PERMITS_SQL/1082127590_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-
jar/org/hibernate/validator/internal/cfg/context/package.html

```



\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/engine/groups/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/metadata/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/messageinterpolation/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/xml/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/spi/resourceloading/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/constraints/br/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/constraintvalidation/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/engine/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/util/classhierarchy/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/META-INF/validation-mapping-1.0.xsd

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/cfg/defs/pl/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/cfg/defs/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/META-INF/validation-configuration-1.1.xsd

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/util/annotationfactory/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/META-INF/validation-mapping-1.1.xsd

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/metadata/descriptor/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/overview.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/metadata/location/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/cfg/context/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/util/scriptengine/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/resourceloading/package.html

\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/constraints/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/engine/path/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/util/priviledactions/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/rule/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/constraints/pl/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/group/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/cfg/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/META-INF/maven/org.hibernate/hibernate-validator/pom.xml  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/util/logging/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/engine/resolver/package.html  
\* /opt/ws\_local/PERMITS\_SQL/1082127590\_1597868309.02/0/hibernate-validator-5-4-3-final-sources-2-jar/org/hibernate/validator/internal/util/package.html

# 1.885 tomcat-dbcP 9.0.75

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\* org.eclipse.jetty.orbit:javafx.security.auth.message

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\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api  
\* javax.annotation:javax.annotation-api  
\* javax.transaction:javax.transaction-api  
\* javax.websocket:javax.websocket-api

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\* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

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org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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## 1.888 aopalliance-repackaged 2.5.0

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# 1.896 libxcrypt 4.4.10-10ubuntu4

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# 1.897 webencodings 0.5.1

## 1.897.1 Available under license :

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Found in path(s):

```
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/labels.py
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/__init__.py
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/tests.py
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/x_user_defined.py
```

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```
from setuptools import setup, find_packages
import io
from os import path
import re
```

```
VERSION = re.search("VERSION = '([^\s]+)'", io.open(
    path.join(path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8'
).read().strip()).group(1)
```

```
LONG_DESCRIPTION = io.open(
    path.join(path.dirname(__file__), 'README.rst'),
    encoding='utf-8'
).read()
```

```
setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
```

```

maintainer_email='me@gsnedders.com',
description='Character encoding aliases for legacy web content',
long_description=LONG_DESCRIPTION,
classifiers=[
    'Development Status :: 4 - Beta',
    'Intended Audience :: Developers',
    'License :: OSI Approved :: BSD License',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 2.6',
    'Programming Language :: Python :: 2.7',
    'Programming Language :: Python :: 3',
    'Programming Language :: Python :: 3.3',
    'Programming Language :: Python :: 3.4',
    'Programming Language :: Python :: 3.5',
    'Programming Language :: Python :: 3.6',
    'Programming Language :: Python :: Implementation :: CPython',
    'Programming Language :: Python :: Implementation :: PyPy',
    'Topic :: Internet :: WWW/HTTP',
],
packages=find_packages(),
)

```

Found in path(s):

```
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/setup.py
```

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Metadata-Version: 1.1

Name: webencodings

Version: 0.5.1

Summary: Character encoding aliases for legacy web content

Home-page: <https://github.com/SimonSapin/python-webencodings>

Author: Geoffrey Sneddon

Author-email: [me@gsnedders.com](mailto:me@gsnedders.com)

License: BSD

Description: python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard` [<http://encoding.spec.whatwg.org/>](http://encoding.spec.whatwg.org/) ` \_.

\* Latest documentation: <http://packages.python.org/webencodings/>

\* Source code and issue tracker:

<https://github.com/gsnedders/python-webencodings>

\* PyPI releases: <http://pypi.python.org/pypi/webencodings>

\* License: BSD

\* Python 2.6+ and 3.3+

In order to be compatible with legacy web content when interpreting something like ``Content-Type: text/html; charset=latin1``, tools need to use a particular set of aliases for encoding labels as well as some overriding rules. For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration. The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python's.

Platform: UNKNOWN  
Classifier: Development Status :: 4 - Beta  
Classifier: Intended Audience :: Developers  
Classifier: License :: OSI Approved :: BSD License  
Classifier: Programming Language :: Python  
Classifier: Programming Language :: Python :: 2  
Classifier: Programming Language :: Python :: 2.6  
Classifier: Programming Language :: Python :: 2.7  
Classifier: Programming Language :: Python :: 3  
Classifier: Programming Language :: Python :: 3.3  
Classifier: Programming Language :: Python :: 3.4  
Classifier: Programming Language :: Python :: 3.5  
Classifier: Programming Language :: Python :: 3.6  
Classifier: Programming Language :: Python :: Implementation :: CPython  
Classifier: Programming Language :: Python :: Implementation :: PyPy  
Classifier: Topic :: Internet :: WWW/HTTP

Found in path(s):

\* /opt/cola/permits/1401468445\_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings.egg-info/PKG-INFO

\* /opt/cola/permits/1401468445\_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/PKG-INFO

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"""

webencodings.mklabels

~~~~~

Regenerate the webencodings.labels module.

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```

"""

import json
try:
    from urllib import urlopen
except ImportError:
    from urllib.request import urlopen

def assert_lower(string):
    assert string == string.lower()
    return string

def generate(url):
    parts = []
    """

    webencodings.labels
    ~~~~~

    Map encoding labels to their name.

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    """

    # XXX Do not edit!
    # This file is automatically generated by mklabels.py

    LABELS = {
    """
    labels = [
        (repr(assert_lower(label)).lstrip('u'),
         repr(encoding['name']).lstrip('u'))
        for category in json.loads(urlopen(url).read().decode('ascii'))
        for encoding in category['encodings']
        for label in encoding['labels']]
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        ' %s:%s %s,\n' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}')
    return ".join(parts)

if __name__ == '__main__':

```

```
print(generate('http://encoding.spec.whatwg.org/encodings.json'))
```

Found in path(s):

```
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/mklabels.py
```

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python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard`  
<<http://encoding.spec.whatwg.org/>>`\_.

\* Latest documentation: <http://packages.python.org/webencodings/>

\* Source code and issue tracker:

<https://github.com/gsnedders/python-webencodings>

\* PyPI releases: <http://pypi.python.org/pypi/webencodings>

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In order to be compatible with legacy web content when interpreting something like ``Content-Type: text/html; charset=latin1``, tools need to use a particular set of aliases for encoding labels as well as some overriding rules.

For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.

The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python's.

Found in path(s):

```
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/README.rst
```

# 1.898 go-systemd 0.0.0-20190321100706-95778dfbb74e

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# 1.899 google-uuid 1.2.0

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Paul Borman <borman@google.com>

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theory

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\* /opt/cola/permits/1126439541\_1611634442.47/0/json-20131018-sources-jar/org/json/Property.java

\* /opt/cola/permits/1126439541\_1611634442.47/0/json-20131018-sources-jar/org/json/CookieList.java

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Support for streaming Protocol Buffer messages for the Go language (golang).  
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- <https://github.com/prometheus/prometheus/blob/master/web/ui/react-app/package.json>

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- The individual package licenses as copied from the node\_modules directory can be found in the npm\_licenses.tar.bz2 archive in release tarballs and Docker images.

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name: license-check

on:

push:

paths:

- 'vendor'

pull\_request:

paths:

- 'vendor'

permissions:  
contents: read

jobs:

build:

name: Build

runs-on: ubuntu-latest

steps:

- name: Setup Go

uses: actions/setup-go@main

with:

go-version: 1.18

id: go

- name: Code checkout

uses: actions/checkout@master

- name: Check License

run: |

make check-licenses

Prometheus instrumentation library for Go applications

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Go support for Protocol Buffers - Google's data interchange format

<http://github.com/golang/protobuf/>

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Support for streaming Protocol Buffer messages for the Go language (golang).

[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)

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procfs provides functions to retrieve system, kernel and process  
metrics from the pseudo-filesystem proc.

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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/TableFormatConfig.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/SstFileWriter.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Statistics.java
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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/PersistentCache.java
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\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/ReadOptions.java  
\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/WBWIRocksIterator.java  
\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/util/IntComparator.java  
\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Checkpoint.java  
\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/DBOptions.java  
\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/OptimisticTransactionDB.java  
\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/MemTableInfo.java  
\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/SstPartitionerFixedPrefixFactory.java  
\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Cache.java  
\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/CompressionOptions.java

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```
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
jar/org/rocksdb/CassandraCompactionFilter.java
```

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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
jar/org/rocksdb/RocksMutableObject.java
```

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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
jar/org/rocksdb/AbstractNativeReference.java
```

```
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Holder.java
```

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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
jar/org/rocksdb/AbstractImmutableNativeReference.java
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```
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
jar/org/rocksdb/MergeOperator.java
```

```
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
jar/org/rocksdb/StringAppendOperator.java
```

# 1.921 docker-credential-helpers 0.7.0

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## 1.922 jcmturner-gofork 1.0.0

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# 1.924 python-setuptools 45.2.0-1ubuntu0.1

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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as a successor of a language called ABC. Guido remains Python's  
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for  
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In May 2000, Guido and the Python core development team moved to  
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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no

2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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# 1.925 bcel 2.7.2

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 */
/*
 * $Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $
 */
package org.apache.xalan;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information. This class will replace the older
 * org.apache.xalan.processor.Version class.</P>
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties for
 * information about the version of the XSLT spec we support.</P>
 * @xsl.usage general
 */
public class Version
{

/**
 * Get the basic version string for the current Xalan release.
```

```

* Version String formatted like
* <CODE>"<B>Xalan</B> <B>Java</B> v.r[.dd| <B>D</B>nn]"</CODE>.
*
* Futurework: have this read version info from jar manifest.
*
* @return String denoting our current version
*/
public static String getVersion()
{
    return getProduct()+" "+getImplementationLanguage()+" "
        +getMajorVersionNum()+"."+getReleaseVersionNum()+"."
        +( (getDevelopmentVersionNum() > 0) ?
            ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum()));
}

/**
* Print the processor version to the command line.
*
* @param argv command line arguments, unused.
*/
public static void main(String argv[])
{
    System.out.println(getVersion());
}

/**
* Name of product: Xalan.
*/
public static String getProduct()
{
    return "Xalan";
}

/**
* Implementation Language: Java.
*/
public static String getImplementationLanguage()
{
    return "Java";
}

/**
* Major version number.
* Version number. This changes only when there is a
*     significant, externally apparent enhancement from
*     the previous release. 'n' represents the n'th
*     version.

```



```

*
* Clients should carefully consider the implications
* of new versions as external interfaces and behaviour
* may have changed.
*/
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
* Release Number.
* Release number. This changes when:
* - a new set of functionality is to be added, eg,
*   implementation of a new W3C specification.
* - API or behaviour change.
* - its designated as a reference release.
*/
public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
* Maintenance Drop Number.
* Optional identifier used to designate maintenance
* drop applied to a specific release and contains
* fixes for defects reported. It maintains compatibility
* with the release and contains no API changes.
* When missing, it designates the final and complete
* development drop for a release.
*/
public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}

/**
* Development Drop Number.
* Optional identifier designates development drop of
* a specific release. D01 is the first development drop
* of a new release.
*
* Development drops are works in progress towards a
* completed, final release. A specific development drop
* may not completely implement all aspects of a new
* feature, which may take several development drops to

```

\* complete. At the point of the final drop for the  
\* release, the D suffix will be omitted.  
\*  
\* Each 'D' drops can contain functional enhancements as  
\* well as defect fixes. 'D' drops may not be as stable as  
\* the final releases.  
\*/

```
public static int getDevelopmentVersionNum()
{
    try {
        if ((new String("@version.DEVELOPER@")).length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}
```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.src

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 * limitations under the License.
 */
/**
 * This is a special exception that is used to stop parsing when
 * search for an element. For instance, when searching for xml:stylesheet
 * PIs, it is used to stop the parse once the document element is found.
 * @see StylesheetPIHandler
 * @xsl.usage internal
 */
```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/StopParseException.java

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\*/

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/XPathLexer.java

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\*/

/\*

\* \$Id: Version.src 468654 2006-10-28 07:09:23Z minchau \$

\*/

```

package org.apache.xml.serializer;

/**
 * Administrative class to keep track of the version number of
 * the Serializer release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information.</P>
 * @xsl.usage general
 */
public final class Version
{

    /**
     * Get the basic version string for the current Serializer.
     * Version String formatted like
     * <CODE>"<B>Serializer</B> <B>Java</B> v.r[.dd| <B>D</B>nn]"</CODE>.
     *
     * Futurework: have this read version info from jar manifest.
     *
     * @return String denoting our current version
     */
    public static String getVersion()
    {
        return getProduct()+" "+getImplementationLanguage()+" "
            +getMajorVersionNum()+". "+getReleaseVersionNum()+". "
            +( (getDevelopmentVersionNum() > 0) ?
                ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum()));
    }

    /**
     * Print the processor version to the command line.
     *
     * @param argv command line arguments, unused.
     */
    public static void main(String argv[])
    {
        System.out.println(getVersion());
    }

    /**
     * Name of product: Serializer.
     */
    public static String getProduct()
    {
        return "Serializer";
    }
}

```

```

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
    return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 *     significant, externally apparent enhancement from
 *     the previous release. 'n' represents the n'th
 *     version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
 *     - a new set of functionality is to be added, eg,
 *       implementation of a new W3C specification.
 *     - API or behaviour change.
 *     - its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */

```

```

public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */
public static int getDevelopmentVersionNum()
{
    try {
        if ((new String("@version.DEVELOPER@")).length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}
}

```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.src

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* limitations under the License.
```

```
*/
/**
```

```
* Major version number.
* Version number. This changes only when there is a
*   significant, externally apparent enhancement from
*   the previous release. 'n' represents the n'th
*   version.
*
* Clients should carefully consider the implications
* of new versions as external interfaces and behaviour
* may have changed.
*/
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/XSLProcessorVersion.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.java
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```

```
*/
```

```
// Attribution to: "Voytenko, Dimitry" <DVoytenko@SECTORBASE.COM>
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
```

jar/org/apache/xml/serializer/ToHTMLStream.java  
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 */
// Proprietary
/** The 'document-location()' id (Proprietary). */
```

Found in path(s):  
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jar/org/apache/xpath/compiler/FunctionTable.java  
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```

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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/Encodings.properties  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/XMLEntities.properties  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/output\_text.properties  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTInfo.properties  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/output\_xml.properties  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Makefile.inc  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-



```
jar/org/apache/xml/serializer/output_unknown.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/HTMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_html.properties
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* limitations under the License.
*/
```

```
/*
* $Id: xpath.cup 1225752 2011-12-30 04:12:46Z mrglavas $
*/
```

```
/*
* @author Jacek Ambroziak
* @author Santiago Pericas-Geertsen
* @author Morten Jorgensen
* @author G. Todd Miller
*/
```

```
package org.apache.xalan.xsltc.compiler;
```

```
import java.util.Stack;
import java.util.Vector;
import java.io.StringReader;
import java_cup.runtime.*;
```

```
import org.apache.xml.dtm.DTM;
import org.apache.xalan.xsltc.DOM;
import org.apache.xml.dtm.Axis;
import org.apache.xalan.xsltc.runtime.Operators;
import org.apache.xalan.xsltc.compiler.util.ErrorMsg;
```

```

parser code {:
/**
 * Used by function calls with no args.
 */
static public final Vector EmptyArgs = new Vector(0);

/**
 * Reference to non-existing variable.
 */
static public final VariableRef DummyVarRef = null;

/**
 * Reference to the Parser class.
 */
private Parser _parser;
private XSLTC _xsltc;

/**
 * String representation of the expression being parsed.
 */
private String _expression;

/**
 * Line number where this expression/pattern was declared.
 */
private int _lineNumber = 0;

/**
 * Reference to the symbol table.
 */
public SymbolTable _symbolTable;

public XPathParser(Parser parser) {
    _parser = parser;
    _xsltc = parser.getXSLTC();
    _symbolTable = parser.getSymbolTable();
}

public int getLineNumber() {
    return _lineNumber;
}

public QName getQNameIgnoreDefaultNs(String name) {
    return _parser.getQNameIgnoreDefaultNs(name);
}

public QName getQName(String namespace, String prefix, String localname) {
    return _parser.getQName(namespace, prefix, localname);
}

```

```

}

public void setMultiDocument(boolean flag) {
    _xslt.setMultiDocument(flag);
}

public void setCallsNodeset(boolean flag) {
    _xslt.setCallsNodeset(flag);
}

public void setHasIdCall(boolean flag) {
    _xslt.setHasIdCall(flag);
}

/**
 * This method is similar to findNodeType(int, Object) except that it
 * creates a StepPattern instead of just returning a node type. It also
 * differs in the way it handles "{uri}:*" and "{uri}:@*". The last two
 * patterns are expanded as "*[namespace-uri() = 'uri']" and
 * "@*[namespace-uri() = 'uri']", respectively. This expansion considerably
 * simplifies the grouping of patterns in the Mode class. For this
 * expansion to be correct, the priority of the pattern/template must be
 * set to -0.25 (when no other predicates are present).
 */
public StepPattern createStepPattern(int axis, Object test, Vector predicates) {
int nodeType;

if (test == null) { // "*"
    nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
(axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;

    return new StepPattern(axis, nodeType, predicates);
}
else if (test instanceof Integer) {
nodeType = ((Integer) test).intValue();

return new StepPattern(axis, nodeType, predicates);
}
else {
QName name = (QName)test;
boolean setPriority = false;

if (axis == Axis.NAMESPACE) {
nodeType = (name.toString().equals("*")) ? -1
: _xslt.registerNamespacePrefix(name);
}
else {

```

```

final String uri = name.getNamespace();
final String local = name.getLocalPart();
final QName namespace_uri =
    _parser.getQNameIgnoreDefaultNs("namespace-uri");

// Expand {uri}:* to *[namespace-uri() = 'uri'] - same for @*
if (uri != null && (local.equals("*") || local.equals("@*"))) {
    if (predicates == null) {
        predicates = new Vector(2);
    }

    // Priority is set by hand if no other predicates exist
    setPriority = (predicates.size() == 0);

    predicates.add(
        new Predicate(
            new EqualityExpr(Operators.EQ,
                new NamespaceUriCall(namespace_uri),
                new LiteralExpr(uri)));
    )

    if (local.equals("*")) {
        nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
        : NodeTest.ELEMENT;
    }
    else if (local.equals("@*")) {
        nodeType = NodeTest.ATTRIBUTE;
    }
    else {
        nodeType = (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name)
        : _xsltc.registerElement(name);
    }
}

final StepPattern result = new StepPattern(axis, nodeType, predicates);

// Set priority for case prefix:* and prefix:@* (no predicates)
if (setPriority) {
    result.setPriority(-0.25);
}

return result;
}
}

public int findNodeType(int axis, Object test) {
if (test == null) { // *
    return (axis == Axis.ATTRIBUTE) ?

```

```

NodeTest.ATTRIBUTE :
(axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;
    }
    else if (test instanceof Integer) {
        return ((Integer)test).intValue();
    }
    else {
        QName name = (QName)test;

        if (axis == Axis.NAMESPACE) {
            return (name.toString().equals("")) ? -1
                : _xsltc.registerNamespacePrefix(name);
        }

        if (name.getNamespace() == null) {
            final String local = name.getLocalPart();

            if (local.equals("")) {
                return (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
                    : NodeTest.ELEMENT;
            }
            else if (local.equals("@*")) {
                return NodeTest.ATTRIBUTE;
            }
        }

        return (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name)
            : _xsltc.registerElement(name);
    }
}

/**
 * Parse the expression passed to the current scanner. If this
 * expression contains references to local variables and it will be
 * compiled in an external module (not in the main class) request
 * the current template to create a new variable stack frame.
 *
 * @param lineNumber Line where the current expression is defined.
 * @param external Set to <tt>true</tt> if this expression is
 * compiled in a separate module.
 */
public Symbol parse(String expression, int lineNumber) throws Exception {
    try {
        _expression = expression;
        _lineNumber = lineNumber;
        return super.parse();
    }
}

```

```

catch (IllegalCharException e) {
    ErrorMsg err = new ErrorMsg(ErrorMsg.ILLEGAL_CHAR_ERR,
        lineNumber, e.getMessage());
    _parser.reportError(Constants.FATAL, err);
}
return null;
}

/**
 * Lookup a variable or parameter in the symbol table given its name.
 *
 * @param name Name of the symbol being looked up.
 */
final SyntaxTreeNode lookupName(QName name) {
    // Is it a local var or param ?
    final SyntaxTreeNode result = _parser.lookupVariable(name);
if (result != null)
    return(result);
    else
    return(_symbolTable.lookupName(name));
}

public final void addError(ErrorMsg error) {
_parser.reportError(Constants.ERROR, error);
}

public void report_error(String message, Object info) {
final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber,
    _expression);
_parser.reportError(Constants.FATAL, err);
}

public void report_fatal_error(String message, Object info) {
    // empty
}

public RelativeLocationPath insertStep(Step step, RelativeLocationPath rlp) {
if (rlp instanceof Step) {
    return new ParentLocationPath(step, (Step) rlp);
}
else if (rlp instanceof ParentLocationPath) {
    final ParentLocationPath plp = (ParentLocationPath) rlp;
    final RelativeLocationPath newrlp = insertStep(step, plp.getPath());
    return new ParentLocationPath(newrlp, plp.getStep());
}
else {
    addError(new ErrorMsg(ErrorMsg.INTERNAL_ERR, "XPathParser.insertStep"));
    return rlp;
}
}

```

```

}
}

/**
 * Returns true if the axis applies to elements only. The axes
 * child, attribute, namespace, descendant result in non-empty
 * nodesets only if the context node is of type element.
 */
public boolean isElementAxis(int axis) {
return (axis == Axis.CHILD || axis == Axis.ATTRIBUTE ||
axis == Axis.NAMESPACE || axis == Axis.DESCEDANT);
}
:}

```

```

terminal SLASH, DOT, LBRACK, RBRACK, VBAR, LPAREN, RPAREN, STAR, COMMA;
terminal DOLLAR, ATSIGN;
terminal DDOT, DCOLON, DSLASH;
terminal EQ, NE;
terminal LT, GT, LE, GE;
terminal PLUS, MINUS, DIV, MOD, MULT;
terminal String Literal;
terminal String QName;
terminal ID, KEY, TEXT, NODE, OR, AND, COMMENT, PI, PIPARAM, PRECEDINGSIBLING;
terminal SELF, PARENT, CHILD, ATTRIBUTE, ANCESTOR, ANCESTORORSELF, DESCENDANT;
terminal DESCENDANTORSELF, FOLLOWING, FOLLOWINGSIBLING, NAMESPACE, PRECEDING;
terminal Double REAL;
terminal Long INT;
terminal PATTERN, EXPRESSION;

```

```

non terminal SyntaxTreeNode TopLevel;

```

```

non terminal Expression Expr, Argument, LocationPath;
non terminal Expression Predicate, FilterExpr, Step;
non terminal Expression OrExpr, AndExpr, EqualityExpr;
non terminal Expression RelationalExpr, AdditiveExpr;
non terminal Expression MultiplicativeExpr, UnaryExpr;
non terminal Expression VariableReference, FunctionCall;
non terminal Expression PrimaryExpr, UnionExpr, PathExpr, AbbreviatedStep;
non terminal Expression RelativeLocationPath, AbbreviatedRelativeLocationPath;
non terminal Expression AbsoluteLocationPath, AbbreviatedAbsoluteLocationPath;

```

```

non terminal Object NodeTest, NameTest;

```

```

non terminal IdKeyPattern IdKeyPattern;
non terminal Pattern Pattern;
non terminal Pattern LocationPathPattern;
non terminal StepPattern ProcessingInstructionPattern;
non terminal RelativePathPattern RelativePathPattern;

```

non terminal StepPattern StepPattern;  
non terminal Object NodeTestPattern, NameTestPattern;  
  
non terminal Vector Predicates, NonemptyArgumentList;  
non terminal QName QName, FunctionName, VariableName;  
non terminal Integer AxisName, AxisSpecifier;  
non terminal Integer ChildOrAttributeAxisSpecifier;

precedence left VBAR;  
precedence left OR;  
precedence left AND;  
precedence nonassoc EQ, NE;  
precedence left LT, GT, LE, GE;

precedence left PLUS, MINUS;  
precedence left DIV, MOD, MULT;  
precedence left DOLLAR;  
precedence left ATSIGN;  
precedence right DCOLON;

start with TopLevel;

TopLevel ::= PATTERN Pattern:pattern  
{ : RESULT = pattern; : }

| EXPRESSION Expr:expr  
{ : RESULT = expr; : };

/\* ----- Patterns ----- \*/

Pattern ::= LocationPathPattern:lpp  
{ : RESULT = lpp; : }

| LocationPathPattern:lpp VBAR Pattern:p  
{ : RESULT = new AlternativePattern(lpp, p); : };

LocationPathPattern ::= SLASH  
{ : RESULT = new AbsolutePathPattern(null); : }

| SLASH RelativePathPattern:rpp  
{ : RESULT = new AbsolutePathPattern(rpp); : }

| IdKeyPattern:ikp  
{ : RESULT = ikp; : }

| IdKeyPattern:ikp SLASH RelativePathPattern:rpp  
{ : RESULT = new ParentPattern(ikp, rpp); : }



```

| IdKeyPattern:ikp DSLASH RelativePathPattern:rpp
{: RESULT = new AncestorPattern(ikp, rpp); :}

| DSLASH RelativePathPattern:rpp
{: RESULT = new AncestorPattern(rpp); :}

| RelativePathPattern:rpp
{: RESULT = rpp; :};

IdKeyPattern ::= ID LPAREN Literal:l RPAREN
{: RESULT = new IdPattern(l);
  parser.setHasIdCall(true);
:}

| KEY LPAREN Literal:l1 COMMA Literal:l2 RPAREN
{: RESULT = new KeyPattern(l1, l2); :};

ProcessingInstructionPattern ::= PIPARAM LPAREN Literal:l RPAREN
{: RESULT = new ProcessingInstructionPattern(l); :};

RelativePathPattern ::= StepPattern:sp
{: RESULT = sp; :}

| StepPattern:sp SLASH RelativePathPattern:rpp
{: RESULT = new ParentPattern(sp, rpp); :}

| StepPattern:sp DSLASH RelativePathPattern:rpp
{: RESULT = new AncestorPattern(sp, rpp); :};

StepPattern ::= NodeTestPattern:nt
{:
  RESULT = parser.createStepPattern(Axis.CHILD, nt, null);
:}

| NodeTestPattern:nt Predicates:pp
{:
  RESULT = parser.createStepPattern(Axis.CHILD, nt, pp);
:}

| ProcessingInstructionPattern:pip
{: RESULT = pip; :}

| ProcessingInstructionPattern:pip Predicates:pp
{: RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp); :}

| ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt
{:
  RESULT = parser.createStepPattern(axis.intValue(), nt, null);
:}

```

```

    :}

| ChildOrAttributeAxisSpecifier:axis
NodeTestPattern:nt Predicates:pp
    {
    RESULT = parser.createStepPattern(axis.intValue(), nt, pp);
    :}

    | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
    {
    RESULT = pip; // TODO: report error if axis is attribute
    :}

| ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
Predicates:pp
    {
    // TODO: report error if axis is attribute
    RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp);
    :};

NodeTestPattern ::= NameTestPattern:nt
    { : RESULT = nt; :}

| NODE
    { : RESULT = new Integer(NodeTest.ANODE); :}

| TEXT
    { : RESULT = new Integer(NodeTest.TEXT); :}

| COMMENT
    { : RESULT = new Integer(NodeTest.COMMENT); :}

| PI
    { : RESULT = new Integer(NodeTest.PI); :};

NameTestPattern ::= STAR
    { : RESULT = null; :}

| QName:qn
    { : RESULT = qn; :};

ChildOrAttributeAxisSpecifier ::= ATSIGN
    { : RESULT = new Integer(Axis.ATTRIBUTE); :}

| CHILD DCOLON
    { : RESULT = new Integer(Axis.CHILD); :}

| ATTRIBUTE DCOLON

```

```

        {: RESULT = new Integer(Axis.ATTRIBUTE); :};

Predicates ::= Predicate:p
    { :
    Vector temp = new Vector();
    temp.addElement(p);
    RESULT = temp;
    : }

    | Predicate:p Predicates:pp
    { : pp.insertElementAt(p, 0); RESULT = pp; : };

Predicate ::= LBRACK Expr:e RBRACK
    { :
    RESULT = new Predicate(e);
    : };

/* ----- Expressions ----- */

Expr ::= OrExpr:ex
    { : RESULT = ex; : };

OrExpr ::= AndExpr:ae
    { : RESULT = ae; : }

    | OrExpr:oe OR AndExpr:ae
    { : RESULT = new LogicalExpr(LogicalExpr.OR, oe, ae); : };

AndExpr ::= EqualityExpr:e
    { : RESULT = e; : }

    | AndExpr:ae AND EqualityExpr:ee
    { : RESULT = new LogicalExpr(LogicalExpr.AND, ae, ee); : };

EqualityExpr ::= RelationalExpr:re
    { : RESULT = re; : }

    | EqualityExpr:ee EQ RelationalExpr:re
    { : RESULT = new EqualityExpr(Operators.EQ, ee, re); : }

    | EqualityExpr:ee NE RelationalExpr:re
    { : RESULT = new EqualityExpr(Operators.NE, ee, re); : };

RelationalExpr ::= AdditiveExpr:ae
    { : RESULT = ae; : }

    | RelationalExpr:re LT AdditiveExpr:ae
    { : RESULT = new RelationalExpr(Operators.LT, re, ae); : }

```

| RelationalExpr:re GT AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.GT, re, ae); :}

| RelationalExpr:re LE AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.LE, re, ae); :}

| RelationalExpr:re GE AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.GE, re, ae); :};

AdditiveExpr ::= MultiplicativeExpr:me

{: RESULT = me; :}

| AdditiveExpr:ae PLUS MultiplicativeExpr:me  
{: RESULT = new BinOpExpr(BinOpExpr.PLUS, ae, me); :}

| AdditiveExpr:ae MINUS MultiplicativeExpr:me  
{: RESULT = new BinOpExpr(BinOpExpr.MINUS, ae, me); :};

MultiplicativeExpr ::= UnaryExpr:ue

{: RESULT = ue; :}

| MultiplicativeExpr:me MULT UnaryExpr:ue  
{: RESULT = new BinOpExpr(BinOpExpr.TIMES, me, ue); :}

| MultiplicativeExpr:me DIV UnaryExpr:ue  
{: RESULT = new BinOpExpr(BinOpExpr.DIV, me, ue); :}

| MultiplicativeExpr:me MOD UnaryExpr:ue  
{: RESULT = new BinOpExpr(BinOpExpr.MOD, me, ue); :};

UnaryExpr ::= UnionExpr:ue

{: RESULT = ue; :}

| MINUS UnaryExpr:ue  
{: RESULT = new UnaryOpExpr(ue); :};

UnionExpr ::= PathExpr:pe

{: RESULT = pe; :}

| PathExpr:pe VBAR UnionExpr:rest  
{: RESULT = new UnionPathExpr(pe, rest); :};

PathExpr ::= LocationPath:lp

{: RESULT = lp; :}

| FilterExpr:fexp  
{: RESULT = fexp; :}

```

| FilterExpr:fexp SLASH RelativeLocationPath:rlp
{: RESULT = new FilterParentPath(fexp, rlp); :}

| FilterExpr:fexp DSLASH RelativeLocationPath:rlp
{:
  //
  // Expand '/' into '/descendant-or-self::node()' or
  // into '/descendant-or-self::*'
  //
  int nodeType = DOM.NO_TYPE;
  if (rlp instanceof Step &&
      parser.isElementAxis(((Step) rlp).getAxis()))
  {
    nodeType = DTM.ELEMENT_NODE;
  }
  final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
  FilterParentPath fpp = new FilterParentPath(fexp, step);
  fpp = new FilterParentPath(fpp, rlp);
  if (fexp instanceof KeyCall == false) {
    fpp.setDescendantAxis();
  }
  RESULT = fpp;
:};

LocationPath ::= RelativeLocationPath:rlp
{: RESULT = rlp; :}

| AbsoluteLocationPath:alp
{: RESULT = alp; :};

RelativeLocationPath ::= Step:step
{: RESULT = step; :}

| RelativeLocationPath:rlp SLASH Step:step
{:
  if (rlp instanceof Step && ((Step) rlp).isAbbreviatedDot()) {
    RESULT = step;    // Remove '.' from the middle
  }
  else if (((Step) step).isAbbreviatedDot()) {
    RESULT = rlp;    // Remove '.' from the end
  }
  else {
    RESULT =
      new ParentLocationPath((RelativeLocationPath) rlp, step);
  }
:}

```

```
| AbbreviatedRelativeLocationPath:arlp
{: RESULT = arlp; :};
```

```
AbsoluteLocationPath ::= SLASH
{: RESULT = new AbsoluteLocationPath(); :}
```

```
| SLASH RelativeLocationPath:rlp
{: RESULT = new AbsoluteLocationPath(rlp); :}
```

```
| AbbreviatedAbsoluteLocationPath:aalp
{: RESULT = aalp; :};
```

```
AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DSLASH Step:step
```

```
{:
final Step right = (Step)step;
final int axis = right.getAxis();
final int type = right.getNodeType();
final Vector predicates = right.getPredicates();

if ((axis == Axis.CHILD) && (type != NodeTest.ATTRIBUTE)) {
// Compress './child:E' into 'descendant::E' - if possible
if (predicates == null) {
right.setAxis(Axis.DESCENDANT);
if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
RESULT = right;
}
else {
// Expand 'rlp//child::E' into 'rlp/descendant::E'
RelativeLocationPath left = (RelativeLocationPath)rlp;
RESULT = new ParentLocationPath(left, right);
}
}
else {
// Expand './step' -> 'descendant-or-self::*step'
if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
Step left = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
RESULT = new ParentLocationPath(left, right);
}
else {
// Expand 'rlp//step' -> 'rlp/descendant-or-self::*step'
RelativeLocationPath left = (RelativeLocationPath)rlp;
Step mid = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
ParentLocationPath ppl = new ParentLocationPath(mid, right);
RESULT = new ParentLocationPath(left, ppl);
}
}
}
```

```

    }
    else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
        // Expand 'rlp//step' -> 'rlp/descendant-or-self::*step'
        RelativeLocationPath left = (RelativeLocationPath)rlp;
        Step middle = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
        ParentLocationPath ppl = new ParentLocationPath(middle, right);
        RESULT = new ParentLocationPath(left, ppl);
    }
    else {
        // Expand 'rlp//step' -> 'rlp/descendant-or-self::node()/step'
        RelativeLocationPath left = (RelativeLocationPath)rlp;
        Step middle = new Step(Axis.DESCENDANTORSELF,
DOM.NO_TYPE, null);
        ParentLocationPath ppl = new ParentLocationPath(middle, right);
        RESULT = new ParentLocationPath(left, ppl);
    }
};

```

AbbreviatedAbsolutePath ::= DSLASH RelativeLocationPath:rlp

```

{:
    //
    // Expand '/' into '/descendant-or-self::node()' or
    // into '/descendant-or-self::*'
    //
    int nodeType = DOM.NO_TYPE;
    if (rlp instanceof Step &&
        parser.isElementAxis(((Step) rlp).getAxis()))
    {
        nodeType = DTM.ELEMENT_NODE;
    }
    final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
    RESULT = new AbsoluteLocationPath(parser.insertStep(step,
(RelativeLocationPath) rlp));
};

```

Step ::= NodeTest:ntest

```

{:
    if (ntest instanceof Step) {
        RESULT = (Step)ntest;
    }
    else {
        RESULT = new Step(Axis.CHILD,
            parser.findNodeType(Axis.CHILD, ntest),
            null);
    }
};

```

```

| NodeTest:ntest Predicates:pp
{:
  if (ntest instanceof Step) {
    Step step = (Step)ntest;
    step.addPredicates(pp);
    RESULT = (Step)ntest;
  }
  else {
    RESULT = new Step(Axis.CHILD,
      parser.findNodeType(Axis.CHILD, ntest), pp);
  }
:}

```

```

| AxisSpecifier:axis NodeTest:ntest Predicates:pp
{: RESULT = new Step(axis.intValue(),
  parser.findNodeType(axis.intValue(), ntest),
  pp);
:}

```

```

| AxisSpecifier:axis NodeTest:ntest
{: RESULT = new Step(axis.intValue(),
  parser.findNodeType(axis.intValue(), ntest),
  null);
:}

```

```

| AbbreviatedStep:abbrev
{: RESULT = abbrev; :};

```

```

AxisSpecifier ::= AxisName:an DCOLON
{: RESULT = an; :}

```

```

| ATSIGN
{: RESULT = new Integer(Axis.ATTRIBUTE); :};

```

```

AxisName ::= ANCESTOR
{: RESULT = new Integer(Axis.ANCESTOR); :}

```

```

| ANCESTORORSELF
{: RESULT = new Integer(Axis.ANCESTORORSELF); :}

```

```

| ATTRIBUTE
{: RESULT = new Integer(Axis.ATTRIBUTE); :}

```

```

| CHILD
{: RESULT = new Integer(Axis.CHILD); :}

```

```

| DESCENDANT

```



{: RESULT = new Integer(Axis.DESCENDANT); :}

| DESCENDANTORSELF

{: RESULT = new Integer(Axis.DESCENDANTORSELF); :}

| FOLLOWING

{: RESULT = new Integer(Axis.FOLLOWING); :}

| FOLLOWINGSIBLING

{: RESULT = new Integer(Axis.FOLLOWINGSIBLING); :}

| NAMESPACE

{: RESULT = new Integer(Axis.NAMESPACE); :}

| PARENT

{: RESULT = new Integer(Axis.PARENT); :}

| PRECEDING

{: RESULT = new Integer(Axis.PRECEDING); :}

| PRECEDINGSIBLING

{: RESULT = new Integer(Axis.PRECEDINGSIBLING); :}

| SELF

{: RESULT = new Integer(Axis.SELF); :};

AbbreviatedStep ::= DOT

{: RESULT = new Step(Axis.SELF, NodeTest.ANODE, null); :}

| DDOT

{: RESULT = new Step(Axis.PARENT, NodeTest.ANODE, null); :};

FilterExpr ::= PrimaryExpr:primary

{: RESULT = primary; :}

| PrimaryExpr:primary Predicates:pp

{: RESULT = new FilterExpr(primary, pp); :};

PrimaryExpr ::= VariableReference:vr

{: RESULT = vr; :}

| LPAREN Expr:ex RPAREN

{: RESULT = ex; :}

| Literal:string

{:

/\*

\* If the string appears to have the syntax of a QName, store

```

* namespace info in the literal expression. This is used for
* element-available and function-available functions, among
* others. Also, the default namespace must be ignored.
*/
String namespace = null;
final int index = string.lastIndexOf(':');

if (index > 0) {
    final String prefix = string.substring(0, index);
    namespace = parser._symbolTable.lookupNamespace(prefix);
}
RESULT = (namespace == null) ? new LiteralExpr(string)
    : new LiteralExpr(string, namespace);
:}

| INT:num
{:
    long value = num.longValue();
    if (value < Integer.MIN_VALUE || value > Integer.MAX_VALUE) {
RESULT = new RealExpr(value);
    }
    else {
        if (num.doubleValue() == -0)
            RESULT = new RealExpr(num.doubleValue());
        else if (num.intValue() == 0)
            RESULT = new IntExpr(num.intValue());
        else if (num.doubleValue() == 0.0)
            RESULT = new RealExpr(num.doubleValue());
        else
            RESULT = new IntExpr(num.intValue());
    }
:}

| REAL:num
{: RESULT = new RealExpr(num.doubleValue()); :}

| FunctionCall:fc
{: RESULT = fc; :};

VariableReference ::= DOLLAR VariableName:varName
{:
    // An empty QName prefix for a variable or parameter reference
    // should map to the null namespace and not the default URI.
    SyntaxTreeNode node = parser.lookupName(varName);

    if (node != null) {
        if (node instanceof Variable) {
            RESULT = new VariableRef((Variable)node);
        }
    }
:}

```

```

    }
    else if (node instanceof Param) {
        RESULT = new ParameterRef((Param)node);
    }
    else {
        RESULT = new UnresolvedRef(varName);
    }
}

if (node == null) {
    RESULT = new UnresolvedRef(varName);
}
:};

```

FunctionCall ::= FunctionName:fname LPAREN RPAREN

```

{:
    if (parser.getQNameIgnoreDefaultNs("current").equals(fname)) {
        RESULT = new CurrentCall(fname);
    }
    else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
        RESULT = new NumberCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
        RESULT = new StringCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
        RESULT = new ConcatCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("true").equals(fname)) {
        RESULT = new BooleanExpr(true);
    }
    else if (parser.getQNameIgnoreDefaultNs("false").equals(fname)) {
        RESULT = new BooleanExpr(false);
    }
    else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
        RESULT = new NameCall(fname);
    }
    else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
        RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
        RESULT = new StringLengthCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("position").equals(fname)) {
        RESULT = new PositionCall(fname);
    }
    else if (parser.getQNameIgnoreDefaultNs("last").equals(fname)) {

```

```

    RESULT = new LastCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname);
}
else {
    RESULT = new FunctionCall(fname, parser.EmptyArgs);
}
:}

| FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN
{:
if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
    RESULT = new ConcatCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
    RESULT = new NumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) {
parser.setMultiDocument(true);
    RESULT = new DocumentCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
    RESULT = new StringCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) {
    RESULT = new BooleanCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
    RESULT = new NameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
    RESULT = new GenerateIdCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) {
    RESULT = new NotCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) {
    RESULT = new FormatNumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) {
    RESULT = new UnparsedEntityUriCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
}

```

```

}
else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
    parser.setHasIdCall(true);
}
else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname)) {
    RESULT = new CeilingCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) {
    RESULT = new RoundCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
    RESULT = new FloorCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
    RESULT = new ContainsCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
    RESULT = new StartsWithCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
    RESULT = new FunctionAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname)) {
    RESULT = new ElementAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
    RESULT = new LangCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname, argl);
}
else if (parser.getQName(Constants.TRANSLET_URI, "xslt", "cast").equals(fname)) {
    RESULT = new CastCall(fname, argl);
}
// Special case for extension function nodeset()
else if (fname.getLocalPart().equals("nodeset") || fname.getLocalPart().equals("node-set")) {
    parser.setCallsNodeset(true); // implies MultiDOM
    RESULT = new FunctionCall(fname, argl);
}
else {
    RESULT = new FunctionCall(fname, argl);
}

```

```
}  
:};
```

NonemptyArgumentList ::= Argument:arg

```
{:  
  Vector temp = new Vector();  
  temp.addElement(arg);  
  RESULT = temp;  
:}
```

| Argument:arg COMMA NonemptyArgumentList:argl

```
{: argl.insertElementAt(arg, 0); RESULT = argl; :};
```

FunctionName ::= QName:fname

```
{:  
  RESULT = fname;  
:};
```

VariableName ::= QName:vname

```
{:  
  RESULT = vname;  
:};
```

Argument ::= Expr:ex

```
{: RESULT = ex; :};
```

NodeTest ::= NameTest:nt

```
{: RESULT = nt; :}
```

| NODE

```
{: RESULT = new Integer(NodeTest.ANODE); :}
```

| TEXT

```
{: RESULT = new Integer(NodeTest.TEXT); :}
```

| COMMENT

```
{: RESULT = new Integer(NodeTest.COMMENT); :}
```

| PIPARAM LPAREN Literal:l RPAREN

```
{:  
  QName name = parser.getQNameIgnoreDefaultNs("name");  
  Expression exp = new EqualityExpr(Operators.EQ,  
    new NameCall(name),  
    new LiteralExpr(l));  
  Vector predicates = new Vector();  
  predicates.addElement(new Predicate(exp));  
  RESULT = new Step(Axis.CHILD, NodeTest.PI, predicates);  
:}
```

```

| PI
{: RESULT = new Integer(NodeTest.PI); :}

NameTest ::= STAR
{: RESULT = null; :}

| QName:qn
{: RESULT = qn; :}

QName ::= QNAME:qname
{: RESULT = parser.getQNameIgnoreDefaultNs(qname); :}

| DIV
{: RESULT = parser.getQNameIgnoreDefaultNs("div"); :}

| MOD
{: RESULT = parser.getQNameIgnoreDefaultNs("mod"); :}

| KEY
{: RESULT = parser.getQNameIgnoreDefaultNs("key"); :}

| ANCESTOR
{: RESULT = parser.getQNameIgnoreDefaultNs("child"); :}

| ANCESTORORSELF
{: RESULT = parser.getQNameIgnoreDefaultNs("ancestor-or-self"); :}

| ATTRIBUTE
{: RESULT = parser.getQNameIgnoreDefaultNs("attribute"); :}

| CHILD
{: RESULT = parser.getQNameIgnoreDefaultNs("child"); :}

| DESCENDANT
{: RESULT = parser.getQNameIgnoreDefaultNs("decendant"); :}

| DESCENDANTORSELF
{: RESULT = parser.getQNameIgnoreDefaultNs("decendant-or-self"); :}

| FOLLOWING
{: RESULT = parser.getQNameIgnoreDefaultNs("following"); :}

| FOLLOWINGSIBLING
{: RESULT = parser.getQNameIgnoreDefaultNs("following-sibling"); :}

| NAMESPACE
{: RESULT = parser.getQNameIgnoreDefaultNs("namespace"); :}

```

| PARENT

```
{: RESULT = parser.getQNameIgnoreDefaultNs("parent"); :}
```

| PRECEDING

```
{: RESULT = parser.getQNameIgnoreDefaultNs("preceding"); :}
```

| PRECEDINGSIBLING

```
{: RESULT = parser.getQNameIgnoreDefaultNs("preceding-sibling"); :}
```

| SELF

```
{: RESULT = parser.getQNameIgnoreDefaultNs("self"); :}
```

| ID

```
{: RESULT = parser.getQNameIgnoreDefaultNs("id"); :};
```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/xpath.cup

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\*/

// is found, then throw a special exception in order to terminate

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/TransformerFactoryImpl.java

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Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/domapi/XPathStylesheetDOM3Exception.java  
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\*/

/\*\*

\* Execute the proprietary document-location() function, which returns  
\* a node set of documents.  
\* @xsl.usage advanced  
\*/

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncDoclocation.java  
No license file was found, but licenses were detected in source scan.

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* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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* limitations under the License.
*/
/*
* $Id: xpath.lex 1225752 2011-12-30 04:12:46Z mrglavas $
*/

```

```

/*
* @author Jacek Ambroziak
* @author Santiago Pericas-Geertsen
* @author Morten Jorgensen
*
*/

```

```
package org.apache.xalan.xsltc.compiler;
```

```

import java_cup.runtime.Symbol;
%%
%cup
%unicode
%class XPathLexer
%yyeof

%{
    int last;

    void initialize() {
        last = -1;
    }

    static boolean isWhitespace(int c) {
        return (c == ' ' || c == '\t' || c == '\r' || c == '\n' || c == '\f');
    }

    /**
     * If symbol is not followed by ':' or '(', then treat it as a
     * name instead of an axis or function (Jira-1912).
     */
    Symbol disambiguateAxisOrFunction(int ss) throws Exception {
        // Peek in the input buffer without changing the internal state
        int index = yy_buffer_index;

```

```

// Skip whitespace
while (index < yy_buffer_read && isWhitespace(yy_buffer[index])) {
    index++;
}

// If end of buffer, can't disambiguate :(
if (index >= yy_buffer_read) {
    // Can't disambiguate, so return as symbol
    return new Symbol(ss);
}

// Return symbol if next token is ':' or '('
return (yy_buffer[index] == ':' && yy_buffer[index+1] == ':' ||
        yy_buffer[index] == '(') ?
        newSymbol(ss) : newSymbol(sym.QNAME, yytext());
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * name instead of a keyword (Jira-1912).
 */
Symbol disambiguateOperator(int ss) throws Exception {
    switch (last) {
        case -1: // first token
        case sym.ATSIGN:
        case sym.DCOLON:
        case sym.LPAREN:
        case sym.LBRACK:
        case sym.COMMA:
        case sym.AND:
        case sym.OR:
        case sym.MOD:
        case sym.DIV:
        case sym.MULT:
        case sym.SLASH:
        case sym.DSLASH:
        case sym.VBAR:
        case sym.PLUS:
        case sym.MINUS:
        case sym.EQ:
        case sym.NE:
        case sym.LT:
        case sym.LE:
        case sym.GT:
        case sym.GE:
            return newSymbol(sym.QNAME, yytext());
    }
}

```

```

    }
    return newSymbol(ss);
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * wildcard instead of a multiplication operator
 */
Symbol disambiguateStar() throws Exception {
    switch (last) {
        case -1: // first token
        case sym.ATSIGN:
        case sym.DCOLON:
        case sym.LPAREN:
        case sym.LBRACK:
        case sym.COMMA:
        case sym.AND:
        case sym.OR:
        case sym.MOD:
        case sym.DIV:
        case sym.MULT:
        case sym.SLASH:
        case sym.DSLASH:
        case sym.VBAR:
        case sym.PLUS:
        case sym.MINUS:
        case sym.EQ:
        case sym.NE:
        case sym.LT:
        case sym.LE:
        case sym.GT:
        case sym.GE:
            return newSymbol(sym.STAR);
    }
    return newSymbol(sym.MULT);
}

Symbol newSymbol(int ss) {
    last = ss;
    return new Symbol(ss);
}

Symbol newSymbol(int ss, String value) {
    last = ss;
    return new Symbol(ss, value);
}

```

```

Symbol newSymbol(int ss, Long value) {
    last = ss;
    return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Double value) {
    last = ss;
    return new Symbol(ss, value);
}
% }

%eofval{
return newSymbol(sym.EOF);
%eofval}

%yylexthrow{
Exception
%yylexthrow}

Letter={BaseChar}{{Ideographic}

BaseChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u00FF\u0100-\u0131\u0134-
\u013E\u0141-\u0148\u014A-\u017E\u0180-\u01C3\u01CD-\u01F0\u01F4-\u01F5\u01FA-\u0217\u0250-
\u02A8\u02BB-\u02C1\u0386\u0388-\u038A\u038C\u038E-\u03A1\u03A3-\u03CE\u03D0-
\u03D6\u03DA\u03DC\u03DE\u03E0\u03E2-\u03F3\u0401-\u040C\u040E-\u044F\u0451-\u045C\u045E-
\u0481\u0490-\u04C4\u04C7-\u04C8\u04CB-\u04CC\u04D0-\u04EB\u04EE-\u04F5\u04F8-\u04F9\u0531-
\u0556\u0559\u0561-\u0586\u05D0-\u05EA\u05F0-\u05F2\u0621-\u063A\u0641-\u064A\u0671-\u06B7\u06BA-
\u06BE\u06C0-\u06CE\u06D0-\u06D3\u06D5\u06E5-\u06E6\u0905-\u0939\u093D\u0958-\u0961\u0985-
\u098C\u098F-\u0990\u0993-\u09A8\u09AA-\u09B0\u09B2\u09B6-\u09B9\u09DC-\u09DD\u09DF-
\u09E1\u09F0-\u09F1\u0A05-\u0A0A\u0A0F-\u0A10\u0A13-\u0A28\u0A2A-\u0A30\u0A32-\u0A33\u0A35-
\u0A36\u0A38-\u0A39\u0A59-\u0A5C\u0A5E\u0A72-\u0A74\u0A85-\u0A8B\u0A8D\u0A8F-\u0A91\u0A93-
\u0AA8\u0AAA-\u0AB0\u0AB2-\u0AB3\u0AB5-\u0AB9\u0ABD\u0AE0\u0B05-\u0B0C\u0B0F-\u0B10\u0B13-
\u0B28\u0B2A-\u0B30\u0B32-\u0B33\u0B36-\u0B39\u0B3D\u0B5C-\u0B5D\u0B5F-\u0B61\u0B85-
\u0B8A\u0B8E-\u0B90\u0B92-\u0B95\u0B99-\u0B9A\u0B9C\u0B9E-\u0B9F\u0BA3-\u0BA4\u0BA8-
\u0BAA\u0BAE-\u0BB5\u0BB7-\u0BB9\u0C05-\u0C0C\u0C0E-\u0C10\u0C12-\u0C28\u0C2A-\u0C33\u0C35-
\u0C39\u0C60-\u0C61\u0C85-\u0C8C\u0C8E-\u0C90\u0C92-\u0CA8\u0CAA-\u0CB3\u0CB5-
\u0CB9\u0CDE\u0CE0-\u0CE1\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D60-
\u0D61\u0E01-\u0E2E\u0E30\u0E32-\u0E33\u0E40-\u0E45\u0E81-\u0E82\u0E84\u0E87-
\u0E88\u0E8A\u0E8D\u0E94-\u0E97\u0E99-\u0E9F\u0EA1-\u0EA3\u0EA5\u0EA7\u0EAA-\u0EAB\u0EAD-
\u0EAE\u0EB0\u0EB2-\u0EB3\u0EBD\u0EC0-\u0EC4\u0F40-\u0F47\u0F49-\u0F69\u10A0-\u10C5\u10D0-
\u10F6\u1100\u1102-\u1103\u1105-\u1107\u1109\u110B-\u110C\u110E-
\u1112\u1113C\u113E\u1140\u114C\u114E\u1150\u1154-\u1155\u1159\u115F-
\u1161\u1163\u1165\u1167\u1169\u116D-\u116E\u1172-\u1173\u1175\u119E\u11A8\u11AB\u11AE-
\u11AF\u11B7-\u11B8\u11BA\u11BC-\u11C2\u11EB\u11F0\u11F9\u1E00-\u1E9B\u1EA0-\u1EF9\u1F00-
\u1F15\u1F18-\u1F1D\u1F20-\u1F45\u1F48-\u1F4D\u1F50-\u1F57\u1F59\u1F5B\u1F5D\u1F5F-\u1F7D\u1F80-
\u1FB4\u1FB6-\u1FBC\u1FBE\u1FC2-\u1FC4\u1FC6-\u1FCC\u1FD0-\u1FD3\u1FD6-\u1FDB\u1FE0-
\u1FEC\u1FF2-\u1FF4\u1FF6-\u1FFC\u2126\u212A-\u212B\u212E\u2180-\u2182\u3041-\u3094\u30A1-
\u30FA\u3105-\u312C\uAC00-\uD7A3]

```

Ideographic=[\u4E00-\u9FA5\u3007\u3021-\u3029]

CombiningChar=[\u0300-\u0345\u0360-\u0361\u0483-\u0486\u0591-\u05A1\u05A3-\u05B9\u05BB-\u05BD\u05BF\u05C1-\u05C2\u05C4\u064B-\u0652\u0670\u06D6-\u06DC\u06DD-\u06DF\u06E0-\u06E4\u06E7-\u06E8\u06EA-\u06ED\u0901-\u0903\u093C\u093E-\u094C\u094D\u0951-\u0954\u0962-\u0963\u0981-\u0983\u09BC\u09BE\u09BF\u09C0-\u09C4\u09C7-\u09C8\u09CB-\u09CD\u09D7\u09E2-\u09E3\u0A02\u0A3C\u0A3E\u0A3F\u0A40-\u0A42\u0A47-\u0A48\u0A4B-\u0A4D\u0A70-\u0A71\u0A81-\u0A83\u0ABC\u0ABE-\u0AC5\u0AC7-\u0AC9\u0ACB-\u0ACD\u0B01-\u0B03\u0B3C\u0B3E-\u0B43\u0B47-\u0B48\u0B4B-\u0B4D\u0B56-\u0B57\u0B82-\u0B83\u0BBE-\u0BC2\u0BC6-\u0BC8\u0BCA-\u0BCD\u0BD7\u0C01-\u0C03\u0C3E-\u0C44\u0C46-\u0C48\u0C4A-\u0C4D\u0C55-\u0C56\u0C82-\u0C83\u0CBE-\u0CC4\u0CC6-\u0CC8\u0CCA-\u0CCD\u0CD5-\u0CD6\u0D02-\u0D03\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0E31\u0E34-\u0E3A\u0E47-\u0E4E\u0EB1\u0EB4-\u0EB9\u0EBB-\u0EBC\u0EC8-\u0ECD\u0F18-\u0F19\u0F35\u0F37\u0F39\u0F3E\u0F3F\u0F71-\u0F84\u0F86-\u0F8B\u0F90-\u0F95\u0F97\u0F99-\u0FAD\u0FB1-\u0FB7\u0FB9\u20D0-\u20DC\u20E1\u302A-\u302F\u3099\u309A]

Digit=[\u0030-\u0039\u0660-\u0669\u06F0-\u06F9\u0966-\u096F\u09E6-\u09EF\u0A66-\u0A6F\u0AE6-\u0AEF\u0B66-\u0B6F\u0BE7-\u0BEF\u0C66-\u0C6F\u0CE6-\u0CEF\u0D66-\u0D6F\u0E50-\u0E59\u0ED0-\u0ED9\u0F20-\u0F29]

Extender=[\u00B7\u02D0\u02D1\u0387\u0640\u0E46\u0EC6\u3005\u3031-\u3035\u309D-\u309E\u30FC-\u30FE]

NCName=({Letter}|"\_"|{NCNameStartChar})({NCNameChar})\*

NCNameChar={Letter}|{Digit}|"."-""\_"|{CombiningChar}|{Extender}|{NCNameStartChar}| \u00B7 | [\u0300-\u036F] | [\u203F-\u2040] | [\u0130-\u0136]

NCNameStartChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u02FF\u0370-\u037D\u037F-\u1FFF\u200C-\u200D\u2070-\u218F\u2C00-\u2FEF\u3001-\uD7FF\uF900-\uFDCF\uFDF0-\uFFFF] | \u005F |({HighSurrogate}{LowSurrogate})

HighSurrogate=[\uD800-\uDBFF]

LowSurrogate=[\uDC00-\uDFFF]

%%

```
"*"      { return disambiguateStar(); }
"/"      { return newSymbol(sym.SLASH); }
"+"      { return newSymbol(sym.PLUS); }
"-"      { return newSymbol(sym.MINUS); }
"div"    { return disambiguateOperator(sym.DIV); }
"mod"    { return disambiguateOperator(sym.MOD); }
"::"     { return newSymbol(sym.DCOLON); }
","      { return newSymbol(sym.COMMA); }
"@ "     { return newSymbol(sym.ATSIGN); }
".. "    { return newSymbol(sym.DDOT); }
"| "     { return newSymbol(sym.VBAR); }
```

```

"$"          { return newSymbol(sym.DOLLAR); }
"//"         { return newSymbol(sym.DSLASH); }
"="         { return newSymbol(sym.EQ); }
"!="        { return newSymbol(sym.NE); }
"<"        { return newSymbol(sym.LT); }
">"        { return newSymbol(sym.GT); }
"<="       { return newSymbol(sym.LE); }
">="       { return newSymbol(sym.GE); }
"id"        { return disambiguateAxisOrFunction(sym.ID); }
"key"       { return disambiguateAxisOrFunction(sym.KEY); }
"text()"    { return newSymbol(sym.TEXT); }
"text"+[ \t\r\n\f]+"()" { return newSymbol(sym.TEXT); }
"node()"    { return newSymbol(sym.NODE); }
"node"+[ \t\r\n\f]+"()" { return newSymbol(sym.NODE); }
"comment()" { return newSymbol(sym.COMMENT); }
"comment"+[ \t\r\n\f]+"()" { return newSymbol(sym.COMMENT); }
"processing-instruction" { return disambiguateAxisOrFunction(sym.PIPARAM); }
"processing-instruction()" { return newSymbol(sym.PI); }
"processing-instruction"+[ \t\r\n\f]+"()" { return newSymbol(sym.PI); }
"or"        { return disambiguateOperator(sym.OR); }
"and"       { return disambiguateOperator(sym.AND); }
"child"     { return disambiguateAxisOrFunction(sym.CHILD); }
"attribute" { return disambiguateAxisOrFunction(sym.ATTRIBUTE); }
"ancestor"  { return disambiguateAxisOrFunction(sym.ANCESTOR); }
"ancestor-or-self" { return disambiguateAxisOrFunction(sym.ANCESTORORSELF); }
"descendant" { return disambiguateAxisOrFunction(sym.DESCENDANT); }
"descendant-or-self" { return disambiguateAxisOrFunction(sym.DESCENDANTORSELF); }
"following" { return disambiguateAxisOrFunction(sym.FOLLOWING); }
"following-sibling" { return disambiguateAxisOrFunction(sym.FOLLOWINGSIBLING); }
"namespace" { return disambiguateAxisOrFunction(sym.NAMESPACE); }
"parent"    { return disambiguateAxisOrFunction(sym.PARENT); }
"preceding" { return disambiguateAxisOrFunction(sym.PRECEDING); }
"preceding-sibling" { return disambiguateAxisOrFunction(sym.PRECEDINGSIBLING); }
"self"      { return disambiguateAxisOrFunction(sym.SELF); }
"["         { return newSymbol(sym.LBRACK); }
"]"         { return newSymbol(sym.RBRACK); }
"("         { return newSymbol(sym.LPAREN); }
")"         { return newSymbol(sym.RPAREN); }
"<PATTERN>" { initialize(); return new Symbol(sym.PATTERN); }
"<EXPRESSION>" { initialize(); return new Symbol(sym.EXPRESSION); }
\[^\]"*\ " { return newSymbol(sym.Literal,
    yytext().substring(1, yytext().length() - 1)); }
\[^\]"*\ ' { return newSymbol(sym.Literal,
    yytext().substring(1, yytext().length() - 1)); }
{Digit}+   { return newSymbol(sym.INT, new Long(yytext())); }
{Digit}+("."{Digit})*? { return newSymbol(sym.REAL, new Double(yytext())); }
"."{Digit}+ { return newSymbol(sym.REAL, new Double(yytext())); }
"."        { return newSymbol(sym.DOT); }

```

```

({NCName}":")?{NCName}  { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?"*"      { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?"@"*     { return newSymbol(sym.QNAME, yytext()); }
[ \t\r\n\f]           { /* ignore white space. */ }
.                      { throw new Exception(yytext()); }

```

Found in path(s):

```

* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/xpath.lex

```

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```

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* limitations under the License.
*/
/*
* $Id: XSLProcessorVersion.src 468640 2006-10-28 06:53:53Z minchau $
*/
package org.apache.xalan.processor;

/**
* Administrative class to keep track of the version number of
* the Xalan release.
* <P>See also: org/apache/xalan/res/XSLTInfo.properties</P>
* @deprecated To be replaced by org.apache.xalan.Version.getVersion()
* @xsl.usage general
*/
public class XSLProcessorVersion
{

/**
* Print the processor version to the command line.
*
* @param argv command line arguments, unused.
*/

```



```

public static void main(String argv[])
{
    System.out.println(S_VERSION);
}

/**
 * Constant name of product.
 */
public static final String PRODUCT = "Xalan";

/**
 * Implementation Language.
 */
public static final String LANGUAGE = "Java";

/**
 * Major version number.
 * Version number. This changes only when there is a
 *   significant, externally apparent enhancement from
 *   the previous release. 'n' represents the n'th
 *   version.
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static final int VERSION = @version.VERSION@;

/**
 * Release Number.
 * Release number. This changes when:
 *   - a new set of functionality is to be added, eg,
 *     implementation of a new W3C specification.
 *   - API or behaviour change.
 *   - its designated as a reference release.
 */
public static final int RELEASE = @version.RELEASE@;

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */
public static final int MAINTENANCE = @version.MINOR@;

```

```

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */
public static final int DEVELOPMENT = 0;

/**
 * Version String like <CODE>"<B>Xalan</B> <B>Language</B>
 * v.r[.dd] <B>D</B>nn]"</CODE>.
 * <P>Semantics of the version string are identical to the Xerces project.</P>
 */
public static final String S_VERSION = PRODUCT+" "+LANGUAGE+" "
    +VERSION+"."+RELEASE+"."
    +(DEVELOPMENT > 0 ? ("D"+DEVELOPMENT)
    : (""+MAINTENANCE));

}

```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.src

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- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/client/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/domapi/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/package.html
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- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/package.html

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\*/  
// Proprietary, built in functions  
/\*\* current function string (Proprietary). \*/

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jar/org/apache/xalan/xsltc/compiler/XslAttribute.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/ref/NodeLocator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToStream.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/MessageHandler.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/KeyIndex.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ElemDesc.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/ElemForEach.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/patterns/ContextMatchStepPattern.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xpath/res/XPATHErrorResources\_zh.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncBoolean.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/NodeSetType.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/CurrentCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/trax/TransformerHandlerImpl.java  
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jar/org/apache/xalan/xsltc/compiler/When.java  
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jar/org/apache/xalan/xsltc/compiler/util/SecuritySupport.java  
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jar/org/apache/xpath/axes/WalkingIteratorSorted.java  
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jar/org/apache/xalan/templates/ElemWhen.java  
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jar/org/apache/xml/serializer/utils/SerializerMessages\_ja.java  
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jar/org/apache/xml/utils/StylesheetPIHandler.java  
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jar/org/apache/xpath/functions/FuncSubstring.java  
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jar/org/apache/xpath/functions/Function.java  
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jar/org/apache/xalan/xsltc/trax/XSLTCSrc.java  
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jar/org/apache/xml/serializer/utils/StringToIntTable.java  
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jar/org/apache/xalan/xsltc/dom/LoadDocument.java  
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jar/org/apache/xalan/xsltc/runtime/ObjectFactory.java  
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jar/org/apache/xalan/transformer/NumeratorFormatter.java  
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jar/org/apache/xalan/processor/ProcessorExsltFuncResult.java  
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jar/org/apache/xpath/functions/FuncNot.java  
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jar/org/apache/xalan/processor/XSLTAttributeDef.java  
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jar/org/apache/xml/utils/StringToStringTableVector.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
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jar/org/apache/xml/serializer/SerializerTraceWriter.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Lt.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/PrefixResolver.java  
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jar/org/apache/xalan/res/XSLTErrorResources\_en.java  
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jar/org/apache/xml/serializer/ToTextSAXHandler.java  
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jar/org/apache/xml/utils/res/StringArrayWrapper.java  
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jar/org/apache/xalan/xsltc/compiler/Choose.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/ElemFallback.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/XalanProperties.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/KeyIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/DOM2Helper.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/Hashtable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/UnionIterator.java

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/NthIterator.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/StartsWithCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ElemContext.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPathProcessorException.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/NodeCounterGenerator.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_he.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncRound.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Fallback.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/DOMOrder.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionsTable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Minus.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/CharArrayWrapper.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/CastExpr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_pl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xalan/extensions/ExtensionNamespaceSupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ObjectFactory.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/TransletException.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/StringBufferPool.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/And.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToSAXHandler.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources\_ca.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTErrorsResources\_pl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_zh\_TW.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/AVTPartXPath.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ExtendedLexicalHandler.java  
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#### ARCFOUR

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## CAST128

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## DES

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SHA224, SHA256, SHA384, and SHA512

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The implementation of the TWOFISH cipher is written by Ruud de Rooij. Released under the LGPL.

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# 1.938 openzipkin-zipkin-go 0.2.5

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- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/FastLz.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
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- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
- \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Crc32.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/json/package-info.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/Headers.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java

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/\*\*

\* Enumeration of supported Base64 dialects.

\* <p>

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/GzipOptions.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/ZstdEncoder.java

```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/compression/ZstdConstants.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/compression/DeflateOptions.java
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message. It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
* <p>
```

\* { @link LengthFieldBasedFrameDecoder } has many configuration parameters so  
 \* that it can decode any message with a length field, which is often seen in  
 \* proprietary client-server protocols. Here are some example that will give  
 \* you the basic idea on which option does what.

\*

\* **2 bytes length field at offset 0, do not strip header**

\*

\* The value of the length field in this example is `12 (0x0C)` which  
 \* represents the length of "HELLO, WORLD". By default, the decoder assumes  
 \* that the length field represents the number of the bytes that follows the  
 \* length field. Therefore, it can be decoded with the simplistic parameter  
 \* combination.

\*

\* `lengthFieldOffset` = `0`

\* `lengthFieldLength` = `2`

\* `lengthAdjustment` = `0`

\* `initialBytesToStrip` = `0` (= do not strip header)

\*

\* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)

\* +-----+-----+      +-----+-----+

\* | Length | Actual Content |---->| Length | Actual Content |

\* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |

\* +-----+-----+      +-----+-----+

\*

\*

\* **2 bytes length field at offset 0, strip header**

\*

\* Because we can get the length of the content by calling  
 \* { @link ByteBuf#readableBytes() }, you might want to strip the length  
 \* field by specifying `initialBytesToStrip`. In this example, we  
 \* specified `2`, that is same with the length of the length field, to  
 \* strip the first two bytes.

\*

\* `lengthFieldOffset` = `0`

\* `lengthFieldLength` = `2`

\* `lengthAdjustment` = `0`

\* `initialBytesToStrip` = `2` (= the length of the Length field)

\*

\* BEFORE DECODE (14 bytes)      AFTER DECODE (12 bytes)

\* +-----+-----+      +-----+

\* | Length | Actual Content |---->| Actual Content |

\* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |

\* +-----+-----+      +-----+

\*

\*

\* **2 bytes length field at offset 0, do not strip header, the length field**

\* represents the length of the whole message

\*

\* In most cases, the length field represents the length of the message body  
 \* only, as shown in the previous examples. However, in some protocols, the  
 \* length field represents the length of the whole message, including the  
 \* message header. In such a case, we specify a non-zero  
 \* `<tt>lengthAdjustment</tt>`. Because the length value in this example message  
 \* is always greater than the body length by `<tt>2</tt>`, we specify `<tt>-2</tt>`  
 \* as `<tt>lengthAdjustment</tt>` for compensation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
*
```

\* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)

```
* +-----+-----+-----+-----+
* | Length | Actual Content |-----| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" | | 0x000E | "HELLO, WORLD" |
* +-----+-----+-----+-----+
```

```
* </pre>
```

\* **3 bytes length field at the end of 5 bytes header, do not strip header**

\* The following message is a simple variation of the first example. An extra  
 \* header value is prepended to the message. `<tt>lengthAdjustment</tt>` is zero  
 \* again because the decoder always takes the length of the prepended data into  
 \* account during frame length calculation.

```
* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
```

\* BEFORE DECODE (17 bytes)      AFTER DECODE (17 bytes)

```
* +-----+-----+-----+-----+
* | Header 1 | Length | Actual Content |-----| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" | | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+-----+
```

```
* </pre>
```

\* **3 bytes length field at the beginning of 5 bytes header, do not strip header**

\* This is an advanced example that shows the case where there is an extra  
 \* header between the length field and the message body. You have to specify a  
 \* positive `<tt>lengthAdjustment</tt>` so that the decoder counts the extra  
 \* header into the frame length calculation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
```

```

* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)          AFTER DECODE (17 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | Length | Header 1 | Actual Content |---->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" |   | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* </pre>

```

\* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,  
 \* strip the first header field and the length field</h3>

\* This is a combination of all the examples above. There are the prepended  
 \* header before the length field and the extra header after the length field.  
 \* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra  
 \* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero  
 \* <tt>initialBytesToStrip</tt> to strip the length field and the prepended  
 \* header from the frame. If you don't want to strip the prepended header, you  
 \* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.

```

* <pre>
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
*
* BEFORE DECODE (16 bytes)          AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |   | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* </pre>

```

\* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,  
 \* strip the first header field and the length field, the length field  
 \* represents the length of the whole message</h3>

\* Let's give another twist to the previous example. The only difference from  
 \* the previous example is that the length field represents the length of the  
 \* whole message instead of the message body, just like the third example.  
 \* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.  
 \* Please note that we don't need to take the length of HDR2 into account  
 \* because the length field already includes the whole header length.

```

* <pre>
* lengthFieldOffset = 1
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>

```

```

*
* BEFORE DECODE (16 bytes)                AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |   | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+-----+ +-----+-----+
* </pre>
* @see LengthFieldPrepender
*/

```

Found in path(s):

```

* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

```

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Found in path(s):

```

* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java

```

```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/HeadersUtils.java
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```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/compression/Lz4XXHash32.java
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* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*/
/*
* Written by Robert Harder and released to the public domain, as explained at
* https://creativecommons.org/licenses/publicdomain
*/
/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
```

```
* <a href="https://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
* The encoding and decoding algorithm in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

Found in path(s):

```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/base64/Base64.java
```

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Found in path(s):

```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/META-INF/native-
image/io.netty.netty-codec/native-image.properties
```

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*
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/compression/ZlibEncoder.java
```

```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/DecoderResult.java
```

```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/package-info.java
```

```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/serialization/ReferenceMap.java
```

```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
```



jar/io/netty/handler/codec/compression/DecompressionException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/ZlibCodecFactory.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/WeakReferenceMap.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/MessageToMessageEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/package-info.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/CodecException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/TooLongFrameException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/ClassResolvers.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/ObjectEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/MessageToMessageCodec.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/string/StringEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/PrematureChannelClosureException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/JdkZlibEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/JZlibDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/JZlibEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/SoftReferenceMap.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-

jar/io/netty/handler/codec/CorruptedFrameException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/MessageToMessageDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/MessageAggregator.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/ZlibDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/Snappy.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/MarshallerProvider.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/LengthFieldPrepender.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/base64/Base64Encoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/package-info.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/ClassResolver.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/ByteToMessageDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/Delimiters.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/LimitingByteInput.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/ObjectDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/LineBasedFrameDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/string/StringDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/DecoderException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-

jar/io/netty/handler/codec/base64/package-info.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/package-info.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/bytes/package-info.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/MessageToByteEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/ZlibWrapper.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/package-info.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/ByteToMessageCodec.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/EncoderException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/base64/Base64Decoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/CachingClassResolver.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/CompressionException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/FixedLengthFrameDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/ZlibUtil.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/string/package-info.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/UnsupportedMessageTypeException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-

jar/io/netty/handler/codec/xml/package-info.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-

jar/io/netty/handler/codec/ReplayingDecoder.java

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jar/io/netty/handler/codec/CodecOutputList.java

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jar/io/netty/handler/codec/compression/CompressionUtil.java

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jar/io/netty/handler/codec/DateFormatter.java

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jar/io/netty/handler/codec/string/LineSeparator.java

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jar/io/netty/handler/codec/DatagramPacketEncoder.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-

jar/io/netty/handler/codec/DatagramPacketDecoder.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-

jar/io/netty/handler/codec/compression/ByteBufChecksum.java

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jar/io/netty/handler/codec/CharSequenceValueConverter.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/DefaultHeadersImpl.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/ValueConverter.java

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\* /opt/cola/permits/1509095595\_1671044615.8406854/0/netty-transport-native-unix-common-4-1-86-final-sources-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java  
\* /opt/cola/permits/1509095595\_1671044615.8406854/0/netty-transport-native-unix-common-4-1-86-final-sources-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java  
\* /opt/cola/permits/1509095595\_1671044615.8406854/0/netty-transport-native-unix-common-4-1-86-final-sources-jar/netty\_unix\_util.c  
\* /opt/cola/permits/1509095595\_1671044615.8406854/0/netty-transport-native-unix-common-4-1-86-final-sources-jar/io/netty/channel/unix/SocketWritableByteChannel.java  
\* /opt/cola/permits/1509095595\_1671044615.8406854/0/netty-transport-native-unix-common-4-1-86-final-sources-jar/netty\_unix\_limits.c  
\* /opt/cola/permits/1509095595\_1671044615.8406854/0/netty-transport-native-unix-common-4-1-86-final-sources-jar/io/netty/channel/unix/Limits.java  
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## 1.946 expect 5.45.4-2build1

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Expect

Written by: Don Libes, libes at nist.gov, NIST

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## 1.947 ecj 4.20

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# 1.948 capnslog 0.0.0-20180928190104-399ea9e2e55f

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# 1.950 x-sys 0.4.0

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# 1.951 opentracing-contrib-go-observer 0.0.0-20170622124052-a52f23424492

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```
/* gun.c -- simple gunzip to give an example of the use of inflateBack()
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 * Version 1.7 12 August 2012 Mark Adler */
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gun.c
```

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Introduction

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MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant ( <http://www.winimage.com/zLibDll/minizip.html> )

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0. All possible work was done for compatibility.

Background

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When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64 support for unzip.c into minizip for a open source project called gdal ( <http://www.gdal.org/> )

That was used as a starting point. And after that ZIP64 support was added to zip.c some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1

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- \* Added ZIP64 support for unzip ( by Even Rouault )
- \* Added ZIP64 support for zip ( by Mathias Svensson )
- \* Reverted some changed that Even Rouault did.
- \* Bunch of patches received from Gullés Vollant that he received for MiniZip from various users.
- \* Added unzip patch for BZIP Compression method (patch create by Daniel Borca)
- \* Added BZIP Compress method for zip
- \* Did some refactoring and code cleanup

## Credits

Gilles Vollant - Original MiniZip author  
Even Rouault - ZIP64 unzip Support  
Daniel Borca - BZip Compression method support in unzip  
Mathias Svensson - ZIP64 zip support  
Mathias Svensson - BZip Compression method support in zip

## Resources

ZipLayout <http://result42.com/projects/ZipFileLayout>

Command line tool for Windows that shows the layout and information of the headers in a zip archive.  
Used when debugging and validating the creation of zip files using MiniZip64

ZIP App Note <http://www.pkware.com/documents/casestudies/APPNOTE.TXT>

Zip File specification

## Notes.

\* To be able to use BZip compression method in zip64.c or unzip64.c the BZIP2 lib is needed and HAVE\_BZIP2 need to be defined.

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-----  
Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/MiniZip64\_info.txt

No license file was found, but licenses were detected in source scan.

```
/* compress.c -- compress a memory buffer
* Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/compress.c
```

No license file was found, but licenses were detected in source scan.

```
/* gzclose.c -- zlib gzclose() function
* Copyright (C) 2004, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzclose.c
```

No license file was found, but licenses were detected in source scan.

```
/* zconf.h -- configuration of the zlib compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.in
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.cmakein
```

No license file was found, but licenses were detected in source scan.

```
/* deflate.c -- compress data using the deflation algorithm
* Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.c
```

No license file was found, but licenses were detected in source scan.

Not copyrighted -- provided to the public domain

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zlib_how.html
```

No license file was found, but licenses were detected in source scan.

```
/*
 * gzlog.c
 * Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved
 * For conditions of distribution and use, see copyright notice in gzlog.h
 * version 2.2, 14 Aug 2012
 */
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.c
```

No license file was found, but licenses were detected in source scan.

```
/* trees.c -- output deflated data using Huffman coding
 * Copyright (C) 1995-2017 Jean-loup Gailly
 * detect_data_type() function provided freely by Cosmin Truta, 2006
 * For conditions of distribution and use, see copyright notice in zlib.h
 */
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/trees.c
```

No license file was found, but licenses were detected in source scan.

```
/* inffast.h -- header to use inffast.c
 * Copyright (C) 1995-2003, 2010 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 */
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.h
```

No license file was found, but licenses were detected in source scan.

```
/* gzread.c -- zlib functions for reading gzip files
 * Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 */
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzread.c
```

No license file was found, but licenses were detected in source scan.

```
# For conditions of distribution and use, see copyright notice in zlib.h
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.emx
```

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/Makefile.emx
```

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-
```

1.2.11.dfsg/msdos/Makefile.dj2

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-

1.2.11.dfsg/old/os2/Makefile.os2

No license file was found, but licenses were detected in source scan.

/\* uncompr.c -- decompress a memory buffer

\* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler

\* For conditions of distribution and use, see copyright notice in zlib.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/uncompr.c

No license file was found, but licenses were detected in source scan.

/\* zutil.h -- internal interface and configuration of the compression library

\* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler

\* For conditions of distribution and use, see copyright notice in zlib.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.h

No license file was found, but licenses were detected in source scan.

/\* example.c -- usage example of the zlib compression library

\* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly

\* For conditions of distribution and use, see copyright notice in zlib.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-

1.2.11.dfsg/test/example.c

No license file was found, but licenses were detected in source scan.

/\* unzip.c -- IO for uncompress .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - ( <http://www.winimage.com/zLibDll/minizip.html> )

Copyright (C) 1998-2010 Gilles Vollant (minizip) ( <http://www.winimage.com/zLibDll/minizip.html> )

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

Copyright (C) 2009-2010 Mathias Svensson ( <http://result42.com> )

For more info read MiniZip\_info.txt

-----  
Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of compatibility with older software. The following is from the original crypt.c.  
Code woven in by Terry Thorsen 1/2003.

Copyright (c) 1990-2000 Info-ZIP. All rights reserved.

See the accompanying file LICENSE, version 2000-Apr-09 or later (the contents of which are also included in zip.h) for terms of use.  
If, for some reason, all these files are missing, the Info-ZIP license also may be found at: <ftp://ftp.info-zip.org/pub/infozip/license.html>

crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the non-echoing password parts) were originally written in Europe. The whole source package can be freely distributed, including from the USA. (Prior to January 2000, re-export from the US was a violation of US law.)

This encryption code is a direct transcription of the algorithm from Roger Schlafly, described by Phil Katz in the file appnote.txt. This file (appnote.txt) is distributed with the PKZIP program (even in the version without encryption capabilities).

-----  
Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl\_unzGetCurrentFileZStreamPos  
2007-2008 - Even Rouault - Decoration of symbol names unz\* -> cpl\_unz\*  
2007-2008 - Even Rouault - Remove old C style function prototypes  
2007-2008 - Even Rouault - Add unzip support for ZIP64

Copyright (C) 2007-2008 Even Rouault

Oct-2009 - Mathias Svensson - Removed cpl\_\* from symbol names (Even Rouault added them but since this is now moved to a new project (minizip64) I renamed them again).

Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G  
should only read the compressed/uncompressed size from the Zip64 format if  
the size from normal header was 0xFFFFFFFF

Oct-2009 - Mathias Svensson - Applied some bug fixes from patches received from Gilles Vollant

Oct-2009 - Mathias Svensson - Applied support to unzip files with compression method BZIP2 (bzip2 lib is required)

Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.c

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/\* gzjoin -- command to join gzip files into one gzip file

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version 1.2, 14 Aug 2012

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3. This notice may not be removed or altered from any source distribution.

Mark Adler madler@alumni.caltech.edu

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzjoin.c

No license file was found, but licenses were detected in source scan.

/\* Adler32.c -- compute the Adler-32 checksum of a data stream

\* Copyright (C) 1995-2011, 2016 Mark Adler

\* For conditions of distribution and use, see copyright notice in zlib.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/adler32.c

No license file was found, but licenses were detected in source scan.

/\* gzwrite.c -- zlib functions for writing gzip files



\* Copyright (C) 2004-2017 Mark Adler  
\* For conditions of distribution and use, see copyright notice in zlib.h  
\*/

Found in path(s):

\*/opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzwrite.c  
/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

No license file was found, but licenses were detected in source scan.

/\* inftrees.h -- header to use inftrees.c  
\* Copyright (C) 1995-2005, 2010 Mark Adler  
\* For conditions of distribution and use, see copyright notice in zlib.h  
\*/

Found in path(s):

\*/opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/infrees.h  
No license file was found, but licenses were detected in source scan.

/\* gzappend -- command to append to a gzip file

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version 1.2, 11 Oct 2012

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Mark Adler madler@alumni.caltech.edu

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzappend.c

No license file was found, but licenses were detected in source scan.

/\* crc32.c -- compute the CRC-32 of a data stream

\* Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler

\* For conditions of distribution and use, see copyright notice in zlib.h

\*

\* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster

\* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing

\* tables for updating the shift register in one step with three exclusive-ors

\* instead of four steps with four exclusive-ors. This results in about a

\* factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/crc32.c

No license file was found, but licenses were detected in source scan.

/\*

Additional tools for Minizip

Code: Xavier Roche '2004

License: Same as ZLIB (www.gzip.org)

\*/

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.h
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.c
```

No license file was found, but licenses were detected in source scan.

```
/* inffast.c -- fast decoding
```

```
* Copyright (C) 1995-2017 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.c
```

No license file was found, but licenses were detected in source scan.

```
/* deflate.h -- internal compression state
```

```
* Copyright (C) 1995-2016 Jean-loup Gailly
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.h
```

No license file was found, but licenses were detected in source scan.

```
/* unzip.h -- IO for uncompress .zip files using zlib
```

```
Version 1.1, February 14h, 2010
```

```
part of the MiniZip project - ( http://www.winimage.com/zLibDll/minizip.html )
```

Copyright (C) 1998-2010 Gilles Vollant ( <http://www.winimage.com/zLibDll/minizip.html> )

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

Copyright (C) 2009-2010 Mathias Svensson ( <http://result42.com> )

For more info read MiniZip\_info.txt

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-----

## Changes

See header of unzip64.c

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.h

No license file was found, but licenses were detected in source scan.

## Frequently Asked Questions about zlib

If your question is not there, please check the zlib home page

<http://zlib.net/> which may have more recent information.

The latest zlib FAQ is at [http://zlib.net/zlib\\_faq.html](http://zlib.net/zlib_faq.html)

### 1. Is zlib Y2K-compliant?

Yes. zlib doesn't handle dates.

### 2. Where can I get a Windows DLL version?

The zlib sources can be compiled without change to produce a DLL. See the file win32/DLL\_FAQ.txt in the zlib distribution. Pointers to the precompiled DLL are found in the zlib web site at <http://zlib.net/>.

### 3. Where can I get a Visual Basic interface to zlib?

See

\* <http://marknelson.us/1997/01/01/zlib-engine/>

\* win32/DLL\_FAQ.txt in the zlib distribution

4. `compress()` returns `Z_BUF_ERROR`.

Make sure that before the call of `compress()`, the length of the compressed buffer is equal to the available size of the compressed buffer and not zero. For Visual Basic, check that this parameter is passed by reference ("as any"), not by value ("as long").

5. `deflate()` or `inflate()` returns `Z_BUF_ERROR`.

Before making the call, make sure that `avail_in` and `avail_out` are not zero. When setting the parameter `flush` equal to `Z_FINISH`, also make sure that `avail_out` is big enough to allow processing all pending input. Note that a `Z_BUF_ERROR` is not fatal--another call to `deflate()` or `inflate()` can be made with more input or output space. A `Z_BUF_ERROR` may in fact be unavoidable depending on how the functions are used, since it is not possible to tell whether or not there is more output pending when `strm.avail_out` returns with zero. See [http://zlib.net/zlib\\_how.html](http://zlib.net/zlib_how.html) for a heavily annotated example.

6. Where's the zlib documentation (man pages, etc.)?

It's in `zlib.h`. Examples of zlib usage are in the files `test/example.c` and `test/minigzip.c`, with more in `examples/`.

7. Why don't you use GNU autoconf or libtool or ...?

Because we would like to keep zlib as a very small and simple package. zlib is rather portable and doesn't need much configuration.

8. I found a bug in zlib.

Most of the time, such problems are due to an incorrect usage of zlib. Please try to reproduce the problem with a small program and send the corresponding source to us at [zlib@gzip.org](mailto:zlib@gzip.org). Do not send multi-megabyte data files without prior agreement.

9. Why do I get "undefined reference to `gzputc`"?

If "make test" produces something like

```
example.o(.text+0x154): undefined reference to `gzputc'
```

check that you don't have old files `libz.*` in `/usr/lib`, `/usr/local/lib` or `/usr/X11R6/lib`. Remove any old versions, then do "make install".

10. I need a Delphi interface to zlib.

See the contrib/delphi directory in the zlib distribution.

11. Can zlib handle .zip archives?

Not by itself, no. See the directory contrib/minizip in the zlib distribution.

12. Can zlib handle .Z files?

No, sorry. You have to spawn an uncompress or gunzip subprocess, or adapt the code of uncompress on your own.

13. How can I make a Unix shared library?

By default a shared (and a static) library is built for Unix. So:

```
make distclean
./configure
make
```

14. How do I install a shared zlib library on Unix?

After the above, then:

```
make install
```

However, many flavors of Unix come with a shared zlib already installed. Before going to the trouble of compiling a shared version of zlib and trying to install it, you may want to check if it's already there! If you can `#include <zlib.h>`, it's there. The `-lz` option will probably link to it. You can check the version at the top of `zlib.h` or with the `ZLIB_VERSION` symbol defined in `zlib.h`.

15. I have a question about OttoPDF.

We are not the authors of OttoPDF. The real author is on the OttoPDF web site: Joel Hainley, [jhainley@myndkryme.com](mailto:jhainley@myndkryme.com).

16. Can zlib decode Flate data in an Adobe PDF file?

Yes. See <http://www.pdflib.com/>. To modify PDF forms, see <http://sourceforge.net/projects/acroformtool/>.

17. Why am I getting this "register\_frame\_info not found" error on Solaris?

After installing zlib 1.1.4 on Solaris 2.6, running applications using zlib generates an error such as:

```
ld.so.1: rpm: fatal: relocation error: file /usr/local/lib/libz.so:
symbol __register_frame_info: referenced symbol not found
```

The symbol `__register_frame_info` is not part of `zlib`, it is generated by the C compiler (`cc` or `gcc`). You must recompile applications using `zlib` which have this problem. This problem is specific to Solaris. See <http://www.sunfreeware.com> for Solaris versions of `zlib` and applications using `zlib`.

18. Why does `gzip` give an error on a file I make with `compress/deflate`?

The `compress` and `deflate` functions produce data in the `zlib` format, which is different and incompatible with the `gzip` format. The `gz*` functions in `zlib` on the other hand use the `gzip` format. Both the `zlib` and `gzip` formats use the same compressed data format internally, but have different headers and trailers around the compressed data.

19. Ok, so why are there two different formats?

The `gzip` format was designed to retain the directory information about a single file, such as the name and last modification date. The `zlib` format on the other hand was designed for in-memory and communication channel applications, and has a much more compact header and trailer and uses a faster integrity check than `gzip`.

20. Well that's nice, but how do I make a `gzip` file in memory?

You can request that `deflate` write the `gzip` format instead of the `zlib` format using `deflateInit2()`. You can also request that `inflate` decode the `gzip` format using `inflateInit2()`. Read `zlib.h` for more details.

21. Is `zlib` thread-safe?

Yes. However any library routines that `zlib` uses and any application-provided memory allocation routines must also be thread-safe. `zlib`'s `gz*` functions use `stdio` library routines, and most of `zlib`'s functions use the library memory allocation routines by default. `zlib`'s `*Init*` functions allow for the application to provide custom memory allocation routines.

Of course, you should only operate on any given `zlib` or `gzip` stream from a single thread at a time.

22. Can I use `zlib` in my commercial application?

Yes. Please read the license in `zlib.h`.

23. Is `zlib` under the GNU license?

No. Please read the license in zlib.h.

24. The license says that altered source versions must be "plainly marked". So what exactly do I need to do to meet that requirement?

You need to change the ZLIB\_VERSION and ZLIB\_VERNUM #defines in zlib.h. In particular, the final version number needs to be changed to "f", and an identification string should be appended to ZLIB\_VERSION. Version numbers x.x.x.f are reserved for modifications to zlib by others than the zlib maintainers. For example, if the version of the base zlib you are altering is "1.2.3.4", then in zlib.h you should change ZLIB\_VERNUM to 0x123f, and ZLIB\_VERSION to something like "1.2.3.f-zachary-mods-v3". You can also update the version strings in deflate.c and infrees.c.

For altered source distributions, you should also note the origin and nature of the changes in zlib.h, as well as in ChangeLog and README, along with the dates of the alterations. The origin should include at least your name (or your company's name), and an email address to contact for help or issues with the library.

Note that distributing a compiled zlib library along with zlib.h and zconf.h is also a source distribution, and so you should change ZLIB\_VERSION and ZLIB\_VERNUM and note the origin and nature of the changes in zlib.h as you would for a full source distribution.

25. Will zlib work on a big-endian or little-endian architecture, and can I exchange compressed data between them?

Yes and yes.

26. Will zlib work on a 64-bit machine?

Yes. It has been tested on 64-bit machines, and has no dependence on any data types being limited to 32-bits in length. If you have any difficulties, please provide a complete problem report to [zlib@gzip.org](mailto:zlib@gzip.org)

27. Will zlib decompress data from the PKWare Data Compression Library?

No. The PKWare DCL uses a completely different compressed data format than does PKZIP and zlib. However, you can look in zlib's contrib/blast directory for a possible solution to your problem.

28. Can I access data randomly in a compressed stream?

No, not without some preparation. If when compressing you periodically use Z\_FULL\_FLUSH, carefully write all the pending data at those points, and keep an index of those locations, then you can start decompression at those points. You have to be careful to not use Z\_FULL\_FLUSH too often, since it



can significantly degrade compression. Alternatively, you can scan a deflate stream once to generate an index, and then use that index for random access. See `examples/zran.c`.

29. Does zlib work on MVS, OS/390, CICS, etc.?

It has in the past, but we have not heard of any recent evidence. There were working ports of zlib 1.1.4 to MVS, but those links no longer work. If you know of recent, successful applications of zlib on these operating systems, please let us know. Thanks.

30. Is there some simpler, easier to read version of inflate I can look at to understand the deflate format?

First off, you should read RFC 1951. Second, yes. Look in zlib's `contrib/puff` directory.

31. Does zlib infringe on any patents?

As far as we know, no. In fact, that was originally the whole point behind zlib. Look here for some more information:

<http://www.gzip.org/#faq11>

32. Can zlib work with greater than 4 GB of data?

Yes. `inflate()` and `deflate()` will process any amount of data correctly. Each call of `inflate()` or `deflate()` is limited to input and output chunks of the maximum value that can be stored in the compiler's "unsigned int" type, but there is no limit to the number of chunks. Note however that the `strm.total_in` and `strm_total_out` counters may be limited to 4 GB. These counters are provided as a convenience and are not used internally by `inflate()` or `deflate()`. The application can easily set up its own counters updated after each call of `inflate()` or `deflate()` to count beyond 4 GB. `compress()` and `uncompress()` may be limited to 4 GB, since they operate in a single call. `gzseek()` and `gztell()` may be limited to 4 GB depending on how zlib is compiled. See the `zlibCompileFlags()` function in `zlib.h`.

The word "may" appears several times above since there is a 4 GB limit only if the compiler's "long" type is 32 bits. If the compiler's "long" type is 64 bits, then the limit is 16 exabytes.

33. Does zlib have any security vulnerabilities?

The only one that we are aware of is potentially in `gzprintf()`. If zlib is compiled to use `sprintf()` or `vsprintf()`, then there is no protection against a buffer overflow of an 8K string space (or other value as set by `gzbuffer()`), other than the caller of `gzprintf()` assuring that the output

will not exceed 8K. On the other hand, if zlib is compiled to use `snprintf()` or `vsnprintf()`, which should normally be the case, then there is no vulnerability. The `./configure` script will display warnings if an insecure variation of `sprintf()` will be used by `gzprintf()`. Also the `zlibCompileFlags()` function will return information on what variant of `sprintf()` is used by `gzprintf()`.

If you don't have `snprintf()` or `vsnprintf()` and would like one, you can find a portable implementation here:

<http://www.ijs.si/software/snprintf/>

Note that you should be using the most recent version of zlib. Versions 1.1.3 and before were subject to a double-free vulnerability, and versions 1.2.1 and 1.2.2 were subject to an access exception when decompressing invalid compressed data.

34. Is there a Java version of zlib?

Probably what you want is to use zlib in Java. zlib is already included as part of the Java SDK in the `java.util.zip` package. If you really want a version of zlib written in the Java language, look on the zlib home page for links: <http://zlib.net/>.

35. I get this or that compiler or source-code scanner warning when I crank it up to maximally-pedantic. Can't you guys write proper code?

Many years ago, we gave up attempting to avoid warnings on every compiler in the universe. It just got to be a waste of time, and some compilers were downright silly as well as contradicted each other. So now, we simply make sure that the code always works.

36. Valgrind (or some similar memory access checker) says that deflate is performing a conditional jump that depends on an uninitialized value. Isn't that a bug?

No. That is intentional for performance reasons, and the output of deflate is not affected. This only started showing up recently since zlib 1.2.x uses `malloc()` by default for allocations, whereas earlier versions used `calloc()`, which zeros out the allocated memory. Even though the code was correct, versions 1.2.4 and later was changed to not stimulate these checkers.

37. Will zlib read the (insert any ancient or arcane format here) compressed data format?

Probably not. Look in the `comp.compression` FAQ for pointers to various formats and associated software.

38. How can I encrypt/decrypt zip files with zlib?

zlib doesn't support encryption. The original PKZIP encryption is very weak and can be broken with freely available programs. To get strong encryption, use GnuPG, <http://www.gnupg.org/>, which already includes zlib compression. For PKZIP compatible "encryption", look at <http://www.info-zip.org/>

39. What's the difference between the "gzip" and "deflate" HTTP 1.1 encodings?

"gzip" is the gzip format, and "deflate" is the zlib format. They should probably have called the second one "zlib" instead to avoid confusion with the raw deflate compressed data format. While the HTTP 1.1 RFC 2616 correctly points to the zlib specification in RFC 1950 for the "deflate" transfer encoding, there have been reports of servers and browsers that incorrectly produce or expect raw deflate data per the deflate specification in RFC 1951, most notably Microsoft. So even though the "deflate" transfer encoding using the zlib format would be the more efficient approach (and in fact exactly what the zlib format was designed for), using the "gzip" transfer encoding is probably more reliable due to an unfortunate choice of name on the part of the HTTP 1.1 authors.

Bottom line: use the gzip format for HTTP 1.1 encoding.

40. Does zlib support the new "Deflate64" format introduced by PKWare?

No. PKWare has apparently decided to keep that format proprietary, since they have not documented it as they have previous compression formats. In any case, the compression improvements are so modest compared to other more modern approaches, that it's not worth the effort to implement.

41. I'm having a problem with the zip functions in zlib, can you help?

There are no zip functions in zlib. You are probably using minizip by Giles Vollant, which is found in the contrib directory of zlib. It is not part of zlib. In fact none of the stuff in contrib is part of zlib. The files in there are not supported by the zlib authors. You need to contact the authors of the respective contribution for help.

42. The match.asm code in contrib is under the GNU General Public License.

Since it's part of zlib, doesn't that mean that all of zlib falls under the GNU GPL?

No. The files in contrib are not part of zlib. They were contributed by other authors and are provided as a convenience to the user within the zlib distribution. Each item in contrib has its own license.

43. Is zlib subject to export controls? What is its ECCN?

zlib is not subject to export controls, and so is classified as EAR99.

44. Can you please sign these lengthy legal documents and fax them back to us so that we can use your software in our product?

No. Go away. Shoo.

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/FAQ

No license file was found, but licenses were detected in source scan.

/\* zutil.c -- target dependent utility functions for the compression library

\* Copyright (C) 1995-2017 Jean-loup Gailly

\* For conditions of distribution and use, see copyright notice in zlib.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.c

No license file was found, but licenses were detected in source scan.

/\* inflate.h -- internal inflate state definition

\* Copyright (C) 1995-2016 Mark Adler

\* For conditions of distribution and use, see copyright notice in zlib.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.h

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/\* gzguts.h -- zlib internal header definitions for gz\* operations

\* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler

\* For conditions of distribution and use, see copyright notice in zlib.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzguts.h

No license file was found, but licenses were detected in source scan.

/\* zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.11, January 15th, 2017

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.h

No license file was found, but licenses were detected in source scan.

/\* zpipe.c: example of proper use of zlib's inflate() and deflate()

Not copyrighted -- provided to the public domain

Version 1.4 11 December 2005 Mark Adler \*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zpipe.c

No license file was found, but licenses were detected in source scan.

/\* inftrees.c -- generate Huffman trees for efficient decoding

\* Copyright (C) 1995-2017 Mark Adler

\* For conditions of distribution and use, see copyright notice in zlib.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.c

No license file was found, but licenses were detected in source scan.

/\* zip.h -- IO on .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - ( <http://www.winimage.com/zLibDll/minizip.html> )

Copyright (C) 1998-2010 Gilles Vollant (minizip) ( <http://www.winimage.com/zLibDll/minizip.html> )

Modifications for Zip64 support

Copyright (C) 2009-2010 Mathias Svensson ( <http://result42.com> )

For more info read MiniZip\_info.txt

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Condition of use and distribution are the same than zlib :

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Changes

See header of zip.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/zip.h

No license file was found, but licenses were detected in source scan.

/\* inflate.c -- zlib decompression

\* Copyright (C) 1995-2016 Mark Adler

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\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.c

No license file was found, but licenses were detected in source scan.

## ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is thread safe. The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), [rfc1951](http://tools.ietf.org/html/rfc1951) (deflate format) and [rfc1952](http://tools.ietf.org/html/rfc1952) (gzip format).

All functions of the compression library are documented in the file `zlib.h` (volunteer to write man pages welcome, contact [zlib@gzip.org](mailto:zlib@gzip.org)). A usage example of the library is given in the file `test/example.c` which also tests that the library is working correctly. Another example is given in the file `test/minigzip.c`. The compression library itself is composed of all source files in the root directory.

To compile all files and run the test program, follow the instructions given at the top of `Makefile.in`. In short `./configure; make test`, and if that goes well, `make install` should work for most flavors of Unix. For Windows, use one of the special makefiles in `win32/` or `contrib/vstudio/`. For VMS, use `make_vms.com`.

Questions about zlib should be sent to [<zlib@gzip.org>](mailto:zlib@gzip.org), or to Gilles Vollant [<info@winimage.com>](mailto:info@winimage.com) for the Windows DLL version. The zlib home page is <http://zlib.net/>. Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ [http://zlib.net/zlib\\_faq.html](http://zlib.net/zlib_faq.html) before asking for help.

Mark Nelson [<markn@ieee.org>](mailto:markn@ieee.org) wrote an article about zlib for the Jan. 1997 issue of Dr. Dobbs's Journal; a copy of the article is available at <http://marknelson.us/1997/01/01/zlib-engine/>.

The changes made in version 1.2.11 are documented in the file `ChangeLog`.

Unsupported third party contributions are provided in directory `contrib/`.

zlib is available in Java using the `java.util.zip` package, documented at <http://java.sun.com/developer/technicalArticles/Programming/compression/>.

A Perl interface to zlib written by Paul Marquess [<pmqs@cpan.org>](mailto:pmqs@cpan.org) is available at CPAN (Comprehensive Perl Archive Network) sites, including <http://search.cpan.org/~pmqs/IO-Compress-Zlib/>.

A Python interface to zlib written by A.M. Kuchling [<amk@amk.ca>](mailto:amk@amk.ca) is available in Python 1.5 and later versions, see

<http://docs.python.org/library/zlib.html> .

zlib is built into tcl: <http://wiki.tcl.tk/4610> .

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <[info@winimage.com](mailto:info@winimage.com)>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL\_FAQ.txt
- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.
- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.
- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.
- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.
- gzdopen is not supported on RISCOS or BEOS.
- For PalmOs, see <http://palmzlib.sourceforge.net/>

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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If you use the zlib library in a product, we would appreciate *not* receiving lengthy legal documents to sign. The sources are provided for free but without warranty of any kind. The library has been entirely written by Jean-loup Gailly and Mark Adler; it does not include third-party code.

If you redistribute modified sources, we would appreciate that you include in the file ChangeLog history information documenting your changes. Please read the FAQ for more information on the distribution of modified source versions.

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/README  
No license file was found, but licenses were detected in source scan.

/\* gzlog.h

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version 2.2, 14 Aug 2012

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\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.h

No license file was found, but licenses were detected in source scan.

/\* zran.c -- example of zlib/gzip stream indexing and random access

\* Copyright (C) 2005, 2012 Mark Adler

\* For conditions of distribution and use, see copyright notice in zlib.h

Version 1.1 29 Sep 2012 Mark Adler \*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zran.c

No license file was found, but licenses were detected in source scan.

/\* minigzip.c -- simulate gzip using the zlib compression library

\* Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly

\* For conditions of distribution and use, see copyright notice in zlib.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/minigzip.c

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Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.3

No license file was found, but licenses were detected in source scan.

/\* infback.c -- inflate using a call-back interface

\* Copyright (C) 1995-2016 Mark Adler

\* For conditions of distribution and use, see copyright notice in zlib.h

\*/

Found in path(s):

\* /opt/cola/permits/1445162814\_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/infback.c

No license file was found, but licenses were detected in source scan.

/\* fitblk.c: example of fitting compressed output to a specified size

Not copyrighted -- provided to the public domain

Version 1.1 25 November 2004 Mark Adler \*/

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/fitblk.c
```

No license file was found, but licenses were detected in source scan.

```
/* gzlib.c -- zlib functions common to reading and writing gzip files
* Copyright (C) 2004-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzlib.c
```

No license file was found, but licenses were detected in source scan.

```
/* infcover.c -- test zlib's inflate routines with full code coverage
* Copyright (C) 2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/infcover.c
```

# 1.954 zap 1.15.0

## 1.954.1 Available under license :

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# 1.955 commons-codec 1.15

## 1.955.1 Available under license :

Apache Commons Codec

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The Apache Software Foundation (<https://www.apache.org/>).

`src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java`

contains test data from <http://aspell.net/test/orig/batch0.tab>.

Copyright (C) 2002 Kevin Atkinson ([kevina@gnu.org](mailto:kevina@gnu.org))

---

The content of package `org.apache.commons.codec.language.bm` has been translated from the original php source code available at <http://stevemorse.org/phoneticinfo.htm> with permission from the original authors.

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Version 2.0, January 2004

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## 1.958 idna 2.8

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Found in path(s):

```
* /opt/cola/permits/1110810307_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/LICENSE.rst
```

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""""

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

""""

```
import io, sys
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = { }
```

```
exec(open('idna/package_data.py').read(), package_data)
```

```
arguments = {
    'name': 'idna',
    'packages': ['idna'],
    'version': package_data['__version__'],
    'description': 'Internationalized Domain Names in Applications (IDNA)',
    'long_description': io.open("README.rst", encoding="UTF-8").read(),
    'author': 'Kim Davies',
    'author_email': 'kim@cynosure.com.au',
    'license': 'BSD-like',
    'url': 'https://github.com/kjd/idna',
    'classifiers': [
        'Development Status :: 5 - Production/Stable',
        'Intended Audience :: Developers',
        'Intended Audience :: System Administrators',
        'License :: OSI Approved :: BSD License',
        'Operating System :: OS Independent',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Topic :: Internet :: Name Service (DNS)',
        'Topic :: Software Development :: Libraries :: Python Modules',
        'Topic :: Utilities',
    ],
    'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
    'test_suite': 'tests',
}
```

```
setup(**arguments)
```

```
if __name__ == '__main__':
    main()
```

Found in path(s):

\* /opt/cola/permits/1110810307\_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/setup.py

# 1.959 httpcomponents-core 4.4.13

## 1.959.1 Available under license :

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# 1.960 lann-ps 0.0.0-20150810152359-62de8c46ede0

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## 1.962 victoriametrics-metrics 1.18.1

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/opt/cola/permits/1256026572\_1674115135.138678/0/victoria-metrics-amd64-v1-64-1-tar-gz/victoria-metrics-prod:  
binary file matches

Found in path(s):

\* /bin/grep

## 1.963 numcpus 0.6.0

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```
Metadata-Version: 2.0
Name: pkg_resources
Version: 0.0.0
Summary: UNKNOWN
Home-page: UNKNOWN
Author: UNKNOWN
Author-email: UNKNOWN
License: UNKNOWN
Platform: UNKNOWN
```

UNKNOWN

Found in path(s):

\* /opt/cola/permits/1320410882\_1651537966.27/0/pkg-resources-0-0-0-dist-info-  
zip/inputdir/packages\_extracted/wheel/103/pkg\_resources-0.0.0.dist-info/METADATA

# 1.977 golang-protobuf-extensions 1.0.1

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# 1.978 python-pam 1.8.4

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\* @version 3.0 (December 2000)

\*

\* Optimised ANSI C code for the Rijndael cipher (now AES)

\*

\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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# 1.987 libjpeg 6b

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## 1.987.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

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Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

## DOCUMENTATION ROADMAP

=====

This file contains the following sections:

OVERVIEW        General description of JPEG and the IJG software.  
LEGAL ISSUES    Copyright, lack of warranty, terms of distribution.  
REFERENCES     Where to learn more about JPEG.  
ARCHIVE LOCATIONS Where to find newer versions of this software.  
RELATED SOFTWARE Other stuff you should get.  
FILE FORMAT WARS Software \*not\* to get.  
TO DO           Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.doc    How to configure and install the IJG software.  
usage.doc      Usage instructions for cjpeg, djpeg, jpegtran,  
                 rdjpgcom, and wrjpgcom.  
\*.1            Unix-style man pages for programs (same info as usage.doc).  
wizard.doc     Advanced usage instructions for JPEG wizards only.  
change.log     Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.doc    How to use the JPEG library in your own programs.  
example.c      Sample code for calling the JPEG library.  
structure.doc   Overview of the JPEG library's internal structure.  
filelist.doc   Road map of IJG files.  
coderrules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

## OVERVIEW

=====

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing

"real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

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by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file `ansi2knr.c` for full details.) However, since `ansi2knr.c` is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (`config.guess`, `config.sub`, `ltconfig`, `ltmain.sh`). Another support script, `install-sh`, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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## REFERENCES

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We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", *Communications of the ACM*, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz>. The file (actually a preprint for an article that appeared in *IEEE Trans. Consumer Electronics*)

omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department  
C-Cube Microsystems, Inc.  
1778 McCarthy Blvd.  
Milpitas, CA 95035  
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at <ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from [ftp.sgi.com](ftp://ftp.sgi.com) or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from <ftp://ftp.sgi.com/graphics/tiff/>.

## ARCHIVE LOCATIONS

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The "official" archive site for this software is [ftp.uu.net](ftp://ftp.uu.net) (Internet address 192.48.96.9). The most recent released version can always be found there in directory [graphics/jpeg](ftp://ftp.uu.net/graphics/jpeg/). This particular version will be archived as <ftp://ftp.uu.net/graphics/jpeg/jpegsrvc.v6b.tar.gz>. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact [help@uunet.uu.net](mailto:help@uunet.uu.net) for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only [ftp.uu.net](ftp://ftp.uu.net) is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (<ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/>), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the [ftp.uu.net](ftp://ftp.uu.net) release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups [comp.graphics.misc](mailto:comp.graphics.misc), [news.answers](mailto:news.answers), and other groups. It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other [news.answers](mailto:news.answers) archive sites, including the official [news.answers](mailto:news.answers) archive at [rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/](ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/). If you don't have Web or FTP access, send e-mail to [mail-server@rtfm.mit.edu](mailto:mail-server@rtfm.mit.edu) with body

send usenet/news.answers/jpeg-faq/part1

send usenet/news.answers/jpeg-faq/part2

## RELATED SOFTWARE

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Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>. Unfortunately PBMPPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

## FILE FORMAT WARS

=====

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical

advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

=====

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to [jpeg-info@uunet.uu.net](mailto:jpeg-info@uunet.uu.net).

# 1.988 gdbm 1.18.1-5

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Version 3, 29 June 2007

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\*/

/\* checkTag : validation tool for libzstd

\* command :

\* \$ ./checkTag tag

\* checkTag validates tags of following format : v[0-9].[0-9].[0-9]{any }

\* The tag is then compared to zstd version number.

\* They are compatible if first 3 digits are identical.

\* Anything beyond that is free, and doesn't impact validation.

\* Example : tag v1.8.1.2 is compatible with version 1.8.1

\* When tag and version are not compatible, program exits with error code 1.

\* When they are compatible, it exists with a code 0.

\* checkTag is intended to be used in automated testing environment.

\*/

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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# 1.1003 netty-transport 4.1.92.Final

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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-



jar/io/netty/channel/pool/ChannelPoolMap.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/pool/ChannelPoolHandler.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/pool/AbstractChannelPoolHandler.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/pool/package-info.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/pool/SimpleChannelPool.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/pool/ChannelPool.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/pool/AbstractChannelPoolMap.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/pool/ChannelHealthChecker.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/group/ChannelGroup.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/DefaultChannelId.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelId.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/AddressedEnvelope.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/group/ChannelMatcher.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/group/ChannelGroupException.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySet.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/MessageSizeEstimator.java  
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jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/ChannelOutboundBuffer.java  
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jar/io/netty/channel/DefaultMessageSizeEstimator.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/SimpleChannelInboundHandler.java  
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jar/io/netty/channel/group/DefaultChannelGroup.java  
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jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java  
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jar/io/netty/channel/group/ChannelMatchers.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/AbstractEventLoop.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/nio/NioChannelOption.java

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jar/io/netty/channel/ServerChannelRecvByteBufAllocator.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its { @link ChannelPipeline }.
*
* <h3>Sub-types</h3>
* <p>
* { @link ChannelHandler } itself does not provide many methods, but you usually have to implement one of its
subtypes:
* <ul>
* <li>{ @link ChannelInboundHandler } to handle inbound I/O events, and</li>
* <li>{ @link ChannelOutboundHandler } to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
```

\* Alternatively, the following adapter classes are provided for your convenience:

- \* `<ul>`
- \* `<li>` { @link ChannelInboundHandlerAdapter } to handle inbound I/O events,`</li>`
- \* `<li>` { @link ChannelOutboundHandlerAdapter } to handle outbound I/O operations, and`</li>`
- \* `<li>` { @link ChannelDuplexHandler } to handle both inbound and outbound events`</li>`
- \* `</ul>`

\* `</p>`

\* `<p>`

\* For more information, please refer to the documentation of each subtype.

\* `</p>`

\*

\* `<h3>`The context object`</h3>`

\* `<p>`

\* A { @link ChannelHandler } is provided with a { @link ChannelHandlerContext } object. A { @link ChannelHandler } is supposed to interact with the { @link ChannelPipeline } it belongs to via a context object. Using the context object, the { @link ChannelHandler } can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using { @link AttributeKey }s) which is specific to the handler.

\*

\* `<h3>`State management`</h3>`

\*

\* A { @link ChannelHandler } often needs to store some stateful information.

\* The simplest and recommended approach is to use member variables:

\* `<pre>`

```
* public interface Message {
```

```
*     // your methods here
```

```
* }
```

```
*
```

```
* public class DataServerHandler extends { @link SimpleChannelInboundHandler }&lt;Message&gt; {
```

```
*
```

```
*     <b>private boolean loggedIn;</b>
```

```
*
```

```
*     { @code @Override }
```

```
*     public void channelRead0({ @link ChannelHandlerContext } ctx, Message message) {
```

```
*         if (message instanceof LoginMessage) {
```

```
*             authenticate((LoginMessage) message);
```

```
*             <b>loggedIn = true;</b>
```

```
*         } else (message instanceof GetDataMessage) {
```

```
*             if (<b>loggedIn</b>) {
```

```
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
```

```
*             } else {
```

```
*                 fail();
```

```
*             }
```

```
*         }
```

```
*     }
```

```
*     ...
```

```
* }
```

```

* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where an unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
* }
*
* ...

```

```
* }
* </pre>
* Now that the state of the handler is attached to the { @link ChannelHandlerContext }, you can add the
* same handler instance to different pipelines:
```

```
* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer } &lt; { @link Channel } &gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     { @code @Override }
*     public void initChannel({ @link Channel } channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
```

```
*
*
* <h4>The { @code @Sharable } annotation</h4>
```

```
* <p>
* In the example above which used an { @link AttributeKey },
* you might have noticed the { @code @Sharable } annotation.
```

```
* <p>
* If a { @link ChannelHandler } is annotated with the { @code @Sharable }
* annotation, it means you can create an instance of the handler just once and
* add it to one or more { @link ChannelPipeline }s multiple times without
* a race condition.
```

```
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
```

```
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
```

```
*
* <h3>Additional resources worth reading</h3>
```

```
* <p>
* Please refer to the { @link ChannelHandler }, and
* { @link ChannelPipeline } to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
```

```
*/
```

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```
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/ChannelHandler.java
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```



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jar/io/netty/channel/ChannelHandlerMask.java  
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jar/io/netty/channel/socket/DuplexChannelConfig.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/StacklessClosedChannelException.java

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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/bootstrap/FailedChannel.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/internal/package-info.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/PendingBytesTracker.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/internal/ChannelUtils.java

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- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/EventLoop.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelFuture.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/AbstractServerChannel.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelMetadata.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/AbstractChannel.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/SocketChannel.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelInitializer.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelFlushPromiseNotifier.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelException.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/SucceededChannelFuture.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/package-info.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/embedded/EmbeddedSocketAddress.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannel.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelPromiseAggregator.java
- \* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

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jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java  
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jar/io/netty/channel/FixedRecvByteBufAllocator.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
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jar/io/netty/channel/VoidChannelPromise.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/Channel.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/oio/AbstractOioByteChannel.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelInboundInvoker.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/WriteBufferWaterMark.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/group/VoidChannelGroupFuture.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/SelectStrategy.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelOutboundInvoker.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/DuplexChannel.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/PreferHeapByteBufAllocator.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java

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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/DefaultChannelHandlerContext.java

# 1.1004 gopsutil 3.21.6+incompatible

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## 1.1005 colorama 0.4.4

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# 1.1006 structured-merge-diff 4.2.3

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# 1.1007 jackson-databind 2.13.4.2

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## 1.1008 zap 1.10.0

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David Megginson  
david@megginson.com  
2000-01-14

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# 1.1018 pcre 8.44

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Written by: Philip Hazel  
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audio-channel-front-left

audio-channel-front-right

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power-plug

power-unplug

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network-connectivity-lost

message

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## 1.1023 jackson-dataformat-yaml 2.14.2

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 \*  
 \*/

Found in path(s):

\* /opt/cola/permits/1137148391\_1614022750.79/0/libapache2-mod-authnz-external-3-3-2-orig-1-tar-  
 gz/mod\_authnz\_external-3.3.2/mod\_authnz\_external.c

# 1.1025 kubernetes-api 0.26.0

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# 1.1026 pflag 1.0.5

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# 1.1027 jackson-module-scala 2.13.5

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\* org.eclipse.jetty.orbit:javafx.security.auth.message

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\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

-----

#### Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

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org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

-----

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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\* Java TelnetD library (embeddable telnet daemon)

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jar/org/jline/builtins/telnet/ConnectionFilter.java  
\* /opt/cola/permits/1617269336\_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-  
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\* /opt/cola/permits/1617269336\_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-  
jar/org/jline/builtins/telnet/PortListener.java  
\* /opt/cola/permits/1617269336\_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-  
jar/org/jline/builtins/telnet/ConnectionData.java  
\* /opt/cola/permits/1617269336\_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-  
jar/org/jline/builtins/telnet/TelnetIO.java  
\* /opt/cola/permits/1617269336\_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-  
jar/org/jline/builtins/telnet/Connection.java  
\* /opt/cola/permits/1617269336\_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-  
jar/org/jline/builtins/telnet/ConnectionEvent.java  
\* /opt/cola/permits/1617269336\_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-  
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# 1.1031 bind 9.16.1-0ubuntu2.14

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Upstream-Contact: Internet Systems Consortium <[info@isc.org](mailto:info@isc.org)>

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2001, Jake Burkholder

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1998 Francois Gouget <fgouget@mygale.org>

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Files: debian/gpm-microtouch-setup.8

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# 1.1034 apr 1.6.5-1ubuntu1

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From network\_io/unix/inet\_ntop.c, network\_io/unix/inet\_pton.c:

```
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From dso/aix/dso.c:

\* Based on libdl (dlfcn.c/dlfcn.h) which is  
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From strings/apr\_strnatcmp.c, include/apr\_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.  
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From strings/apr\_sprintf.c:

\*  
\* cvt - IEEE floating point formatting routines.  
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## 1.1035 wheel 0.34.2-1ubuntu0.1

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*/
```

Found in path(s):

```
* /opt/cola/permits/1616540910_1680738910.646192/0/google-api-client-protobuf-1-30-0-sources-  
jar/com/google/api/client/googleapis/testing/services/protobuf/MockGoogleProtoClientRequest.java
```

\* /opt/cola/permits/1616540910\_1680738910.646192/0/google-api-client-protobuf-1-30-0-sources-jar/com/google/api/client/googleapis/services/protobuf/CommonGoogleProtoClientRequestInitializer.java  
\* /opt/cola/permits/1616540910\_1680738910.646192/0/google-api-client-protobuf-1-30-0-sources-jar/com/google/api/client/googleapis/services/protobuf/AbstractGoogleProtoClient.java  
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\* /opt/cola/permits/1616540910\_1680738910.646192/0/google-api-client-protobuf-1-30-0-sources-jar/com/google/api/client/googleapis/testing/services/protobuf/MockGoogleProtoClient.java

# 1.1037 jetty-util 9.4.35.v20201120

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\* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.  
\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api  
\* javax.annotation:javax.annotation-api  
\* javax.transaction:javax.transaction-api  
\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

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\* Project home: <https://projects.eclipse.org/projects/ee4j.jaxb>

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## ## Source Code

The project maintains the following source code repositories:

- \* <https://github.com/eclipse-ee4j/jaxb-api>
- \* <https://github.com/eclipse-ee4j/jaxb-tck>

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## 1.1043 classmate 1.5.1

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

\* Brian Langel

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## 1.1044 kubernetes-model-flowcontrol 6.5.1

### 1.1044.1 Available under license :

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Manifest-Version: 1.0

Build-Jdk-Spec: 1.8

Bundle-Description: Java client for Kubernetes and OpenShift

Bundle-DocURL: <http://redhat.com>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: Fabric8 :: Kubernetes Model :: FlowControl

Bundle-SymbolicName: io.fabric8.kubernetes-model-flowcontrol

Bundle-Vendor: Red Hat

Bundle-Version: 6.5.1

Created-By: Apache Maven Bundle Plugin 5.1.8

Export-Package: io.fabric8.kubernetes.api.model.flowcontrol.v1alpha1;u

ses:="com.fasterxml.jackson.annotation,com.fasterxml.jackson.databind

,com.fasterxml.jackson.databind.annotation,io.fabric8.kubernetes.api.builder,io.fabric8.kubernetes.api.model,io.fabric8.kubernetes.model.annotation";version="6.5.1",io.fabric8.kubernetes.api.model.flowcontrol.v1beta1;uses="com.fasterxml.jackson.annotation,com.fasterxml.jackson.databind,com.fasterxml.jackson.databind.annotation,io.fabric8.kubernetes.api.builder,io.fabric8.kubernetes.api.model,io.fabric8.kubernetes.model.annotation";version="6.5.1",io.fabric8.kubernetes.api.model.flowcontrol.v1beta2;uses="com.fasterxml.jackson.annotation,com.fasterxml.jackson.databind,com.fasterxml.jackson.databind.annotation,io.fabric8.kubernetes.api.builder,io.fabric8.kubernetes.api.model,io.fabric8.kubernetes.model.annotation";version="6.5.1",io.fabric8.kubernetes.api.model.flowcontrol.v1beta3;uses="com.fasterxml.jackson.annotation,com.fasterxml.jackson.databind,com.fasterxml.jackson.databind.annotation,io.fabric8.kubernetes.api.builder,io.fabric8.kubernetes.api.model,io.fabric8.kubernetes.model.annotation";version="6.5.1"

Implementation-URL: <http://fabric8.io/kubernetes-model-generator/kubernetes-model-flowcontrol/>

Import-Package: com.fasterxml.jackson.annotation;version="[2.14,3)",com.fasterxml.jackson.databind;version="[2.14,3)",com.fasterxml.jackson.databind.annotation;version="[2.14,3)",io.fabric8.kubernetes.api.builder;version="[6.5,7)",io.fabric8.kubernetes.api.model,io.fabric8.kubernetes.model.annotation;version="[6.5,7)"

Include-Resource: META-INF/services/io.fabric8.kubernetes.api.model.KubernetesResource=target/classes/META-INF/services/io.fabric8.kubernetes.api.model.KubernetesResource,schema/kube-schema.json=src/main/resources/schema/kube-schema.json,schema/validation-schema.json=src/main/resources/schema/validation-schema.json,manifest.vm=src/main/resources/manifest.vm,/META-INF/jandex.idx=target/classes/META-INF/jandex.idx

Private-Package: schema

Provide-Capability: osgi.serviceloader;osgi.serviceloader="io.fabric8.kubernetes.api.model.KubernetesResource"

Require-Capability: osgi.extender;filter:="(osgi.extender=osgi.serviceloader.registrar)",osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Scm-Connection: scm:git:git@github.com:fabric8io/kubernetes-client.git/kubernetes-model-generator/kubernetes-model-flowcontrol

Scm-Revision: \${buildNumber}

Scm-Url: <http://github.com/fabric8io/kubernetes-client/kubernetes-model-generator/kubernetes-model-flowcontrol/>

Specification-Title: Fabric8 :: Kubernetes Model :: FlowControl

Specification-Vendor: Red Hat

Specification-Version: 6.5

Tool: Bnd-6.3.1.202206071316

Found in path(s):

\* /opt/cola/permits/1634239271\_1681207449.919786/0/kubernetes-model-flowcontrol-6-5-1-jar/META-INF/MANIFEST.MF

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## 1.1045 jakarta-inject 2.5.0

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## 1.1047 monochromegane-go-gitignore 0.0.0-20200626010858-205db1a8cc00

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## 1.1050 errors 0.9.1

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## 1.1051 go-openapi-jsonreference 0.20.0

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# 1.1052 queue 1.1.0

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## 1.1054 jackson 2.14.2

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Manifest-Version: 1.0

Implementation-Title: Netty/Transport/Classes/Epoll

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.

Automatic-Module-Name: io.netty.transport.classes.epoll

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>

Bundle-SymbolicName: io.netty.transport-classes-epoll

Implementation-Version: 4.1.86.Final

Built-By: root

Bnd-LastModified: 1670851209269

Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: <https://netty.io/>

Bundle-Vendor: The Netty Project

Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel,io.netty.channel.socket;version="[4.1,5)",io.netty.channel.unix;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.collection;version="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.4.1.201501161923

Implementation-Vendor: The Netty Project

Export-Package: io.netty.channel.epoll;uses:="io.netty.buffer,io.netty.channel,io.netty.channel.socket,io.netty.channel.unix,io.netty.util,io.netty.util.concurrent";version="4.1.86"

Bundle-Name: Netty/Transport/Classes/Epoll

Bundle-Version: 4.1.86.Final

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0\_352

Implementation-URL: <https://netty.io/netty-transport-classes-epoll/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-transport-classes-epoll-4-1-86-final-jar/META-INF/MANIFEST.MF

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Manifest-Version: 1.0

Implementation-Title: Netty/Transport/Native/Unix/Common

Bundle-Description: Static library which contains common unix utilities.

Automatic-Module-Name: io.netty.transport.unix.common



Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>  
Bundle-SymbolicName: io.netty.transport-native-unix-common  
Implementation-Version: 4.1.86.Final  
Built-By: norman  
Bnd-LastModified: 1670855190526  
Bundle-ManifestVersion: 2  
Implementation-Vendor-Id: io.netty  
Bundle-DocURL: <https://netty.io/>  
Bundle-Vendor: The Netty Project  
Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel,io.netty.channel.socket;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"  
Tool: Bnd-2.4.1.201501161923  
Implementation-Vendor: The Netty Project  
Export-Package: io.netty.channel.unix;uses="io.netty.buffer,io.netty.channel,io.netty.channel.socket,io.netty.util";version="4.1.86"  
Bundle-Name: Netty/Transport/Native/Unix/Common  
Bundle-Version: 4.1.86.Final  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk: 1.8.0\_252  
Implementation-URL: <https://netty.io/netty-transport-native-unix-common/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-transport-native-unix-common-4-1-86-final-jar/META-INF/MANIFEST.MF

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Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-transport-classes-epoll-4-1-86-final-jar/META-INF/maven/io.netty/netty-transport-classes-epoll/pom.xml

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Implementation-Title: Netty/Handler/Proxy

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.

Automatic-Module-Name: io.netty.handler.proxy

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>

Bundle-SymbolicName: io.netty.handler-proxy

Implementation-Version: 4.1.86.Final

Built-By: root

Bnd-LastModified: 1670851161046

Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: <https://netty.io/>

Bundle-Vendor: The Netty Project

Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel;version="[4.1,5)",io.netty.handler.codec.base64;version="[4.1,5)",io.netty.handler.codec.http;version="[4.1,5)",io.netty.handler.codec.socksv4;version="[4.1,5)",io.netty.handler.codec.socksv5;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.4.1.201501161923

Implementation-Vendor: The Netty Project

Export-Package: io.netty.handler.proxy;uses="io.netty.channel,io.netty.handler.codec.http,io.netty.util.concurrent";version="4.1.86"

Bundle-Name: Netty/Handler/Proxy

Bundle-Version: 4.1.86.Final

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0\_352

Implementation-URL: <https://netty.io/netty-handler-proxy/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-handler-proxy-4-1-86-final-jar/META-INF/MANIFEST.MF

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Implementation-Title: Netty/Common

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance

rmance protocol servers and clients.  
Automatic-Module-Name: io.netty.common  
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>  
Bundle-SymbolicName: io.netty.common  
Implementation-Version: 4.1.86.Final  
Built-By: norman  
Bnd-LastModified: 1670855137664  
Bundle-ManifestVersion: 2  
Implementation-Vendor-Id: io.netty  
Bundle-DocURL: <https://netty.io/>  
Bundle-Vendor: The Netty Project  
Import-Package: sun.misc;resolution:=optional,com.oracle.svm.core.annotate;resolution:=optional,javax.security.cert;resolution:=optional,org.apache.commons.logging;resolution:=optional;version="[1.2,2)",org.apache.log4j;resolution:=optional;version="[2.17,3)",org.apache.logging.log4j;resolution:=optional;version="[2.17,3)",org.apache.logging.log4j.message;resolution:=optional;version="[2.17,3)",org.apache.logging.log4j.spi;resolution:=optional;version="[2.17,3)",org.slf4j;resolution:=optional;version="[1.7,2)",org.slf4j.helpers;resolution:=optional;version="[1.7,2)",org.slf4j.spi;resolution:=optional;version="[1.7,2)",reactor.blockhound;resolution:=optional,reactor.blockhound.integration;resolution:=optional  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"  
DynamicImport-Package: \*  
Tool: Bnd-2.4.1.201501161923  
Implementation-Vendor: The Netty Project  
Export-Package: io.netty.util;uses:="io.netty.util.concurrent,io.netty.util.internal";version="4.1.86",io.netty.util.collection;version="4.1.86",io.netty.util.concurrent;uses:="io.netty.util.internal";version="4.1.86",io.netty.util.internal;uses:="io.netty.util,io.netty.util.concurrent,io.netty.util.internal.logging,javax.security.cert,reactor.blockhound,reactor.blockhound.integration";version="4.1.86",io.netty.util.internal.logging;version="4.1.86",io.netty.util.internal.svm;version="4.1.86"  
Bundle-Name: Netty/Common  
Bundle-Version: 4.1.86.Final  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk: 1.8.0\_252  
Implementation-URL: <https://netty.io/netty-common/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-common-4-1-86-final-jar/META-INF/MANIFEST.MF

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Implementation-Title: Netty/Resolver

Bundle-Description: Netty is an asynchronous event-driven network appl

ication framework for rapid development of maintainable high performance protocol servers and clients.

Automatic-Module-Name: io.netty.resolver

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>

Bundle-SymbolicName: io.netty.resolver

Implementation-Version: 4.1.86.Final

Built-By: norman

Bnd-LastModified: 1670855159282

Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: <https://netty.io/>

Bundle-Vendor: The Netty Project

Import-Package: io.netty.util;version="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.4.1.201501161923

Implementation-Vendor: The Netty Project

Export-Package: io.netty.resolver;uses:="io.netty.util.concurrent";version="4.1.86"

Bundle-Name: Netty/Resolver

Bundle-Version: 4.1.86.Final

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0\_252

Implementation-URL: <https://netty.io/netty-resolver/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-resolver-4-1-86-final-jar/META-INF/MANIFEST.MF

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Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-codec-http2-4-1-86-final-jar/META-INF/native-image/io.netty/netty-codec-http2/native-image.properties

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-transport-4-1-86-final-jar/META-INF/native-image/io.netty/netty-transport/native-image.properties

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-codec-http-4-1-86-final-jar/META-INF/native-image/io.netty/netty-codec-http/native-image.properties

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-buffer-4-1-86-final-jar/META-INF/native-image/io.netty/netty-buffer/native-image.properties

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-common-4-1-86-final-jar/META-

INF/native-image/io.netty/netty-common/native-image.properties  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-codec-4-1-86-final-jar/META-INF/native-image/io.netty/netty-codec/native-image.properties  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-handler-4-1-86-final-jar/META-INF/native-image/io.netty/netty-handler/native-image.properties  
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Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-common-4-1-86-final-jar/META-INF/maven/io.netty/netty-common/pom.xml  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-buffer-4-1-86-final-jar/META-INF/maven/io.netty/netty-buffer/pom.xml  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-codec-4-1-86-final-jar/META-INF/maven/io.netty/netty-codec/pom.xml  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-transport-4-1-86-final-jar/META-INF/maven/io.netty/netty-transport/pom.xml  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-handler-4-1-86-final-jar/META-INF/maven/io.netty/netty-handler/pom.xml  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-codec-http-4-1-86-final-jar/META-INF/maven/io.netty/netty-codec-http/pom.xml  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-codec-socks-4-1-86-final-jar/META-INF/maven/io.netty/netty-codec-socks/pom.xml  
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Implementation-Title: Netty/Transport/Native/Epoll

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.

Automatic-Module-Name: io.netty.transport.epoll.linux.x86\_64

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>

Bundle-SymbolicName: io.netty.transport-native-epoll

Implementation-Version: 4.1.86.Final  
Built-By: root  
Bnd-LastModified: 1670851257748  
Bundle-ManifestVersion: 2  
Implementation-Vendor-Id: io.netty  
Bundle-DocURL: <https://netty.io/>  
Bundle-Vendor: The Netty Project  
Import-Package: sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;  
version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="  
[1,2)";resolution:=optional  
Tool: Bnd-2.4.1.201501161923  
Implementation-Vendor: The Netty Project  
Bundle-Name: Netty/Transport/Native/Epoll  
Bundle-Version: 4.1.86.Final  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk: 1.8.0\_352  
Implementation-URL: <https://netty.io/netty-transport-native-epoll/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-transport-native-epoll-4-1-86-final-jar/META-INF/MANIFEST.MF

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0  
Implementation-Title: Netty/Handler  
Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.  
Automatic-Module-Name: io.netty.handler  
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>  
Bundle-SymbolicName: io.netty.handler  
Implementation-Version: 4.1.86.Final  
Built-By: norman  
Bnd-LastModified: 1670855199960  
Bundle-ManifestVersion: 2  
Implementation-Vendor-Id: io.netty  
Bundle-DocURL: <https://netty.io/>  
Bundle-Vendor: The Netty Project  
Import-Package: sun.security.x509;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional,io.netty.buffer;version="[4.1,5)",io.netty.channel;version="[4.1,5)",io.netty.channel.socket;version="[4.1,5)",io.netty.channel.unix;version="[4.1,5)",io.netty.handler.codec;version="[4.1,5)",io.netty.handler.codec.base64;version="[4.1,5)",io.netty.internal.tcnative;version="[2.0,3)";resolution:=optional,io.netty.resolver;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",javax.cryp

to,javax.crypto.spec,javax.net.ssl,javax.security.auth.x500,javax.se-  
curity.cert,org.bouncycastle.asn1.pkcs;version="[1.69,2)";resolution:=  
optional,org.bouncycastle.asn1.x500;version="[1.69,2)";resolution:=op-  
tional,org.bouncycastle.cert;version="[1.69,2)";resolution:=optional,  
org.bouncycastle.cert.jcajce;version="[1.69,2)";resolution:=optional,  
org.bouncycastle.jce.provider;version="[1.69,2)";resolution:=optional  
,org.bouncycastle.openssl;version="[1.69,2)";resolution:=optional,org  
.bouncycastle.openssl.jcajce;version="[1.69,2)";resolution:=optional,  
org.bouncycastle.operator;version="[1.69,2)";resolution:=optional,org  
.bouncycastle.operator.jcajce;version="[1.69,2)";resolution:=optional  
,org.bouncycastle.pkcs;version="[1.69,2)";resolution:=optional,org.co  
nscrypt;version="[2.5,3)";resolution:=optional,sun.nio.ch;resolution:  
=optional

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.4.1.201501161923

Implementation-Vendor: The Netty Project

Export-Package: io.netty.handler.address;uses:="io.netty.channel,io.ne-  
tty.resolver";version="4.1.86",io.netty.handler.flow;uses:="io.netty.  
channel";version="4.1.86",io.netty.handler.flush;uses:="io.netty.chan-  
nel";version="4.1.86",io.netty.handler.ipfilter;uses:="io.netty.chann-  
el";version="4.1.86",io.netty.handler.logging;uses:="io.netty.channel  
,io.netty.util.internal.logging";version="4.1.86",io.netty.handler.pc-  
ap;uses:="io.netty.channel";version="4.1.86",io.netty.handler.ssl;use-  
s:="io.netty.buffer,io.netty.channel,io.netty.handler.codec,io.netty.  
util,io.netty.util.concurrent,javax.crypto,javax.net.ssl";version="4.  
1.86",io.netty.handler.ssl.ocsp;uses:="io.netty.channel,io.netty.hand-  
ler.ssl";version="4.1.86",io.netty.handler.ssl.util;uses:="javax.net.  
ssl,javax.security.auth.x500,javax.security.cert";version="4.1.86",io  
.netty.handler.stream;uses:="io.netty.buffer,io.netty.channel";versio-  
n="4.1.86",io.netty.handler.timeout;uses:="io.netty.channel";version=  
"4.1.86",io.netty.handler.traffic;uses:="io.netty.channel,io.netty.ut-  
il.concurrent";version="4.1.86"

Bundle-Name: Netty/Handler

Bundle-Version: 4.1.86.Final

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0\_252

Implementation-URL: <https://netty.io/netty-handler/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-handler-4-1-86-final-jar/META-  
INF/MANIFEST.MF

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Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-transport-native-epoll-4-1-86-final-jar/META-INF/maven/io.netty/netty-transport-native-epoll/pom.xml  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-codec-http2-4-1-86-final-jar/META-INF/maven/io.netty/netty-codec-http2/pom.xml  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-resolver-4-1-86-final-jar/META-INF/maven/io.netty/netty-resolver/pom.xml  
\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-handler-proxy-4-1-86-final-jar/META-INF/maven/io.netty/netty-handler-proxy/pom.xml

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Implementation-Title: Netty/Codec/HTTP2

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.

Automatic-Module-Name: io.netty.codec.http2

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>

Bundle-SymbolicName: io.netty.codec-http2

Implementation-Version: 4.1.86.Final

Built-By: root

Bnd-LastModified: 1670851101053

Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: <https://netty.io/>

Bundle-Vendor: The Netty Project

Import-Package: com.aayushatharva.brotli4j.encoder;resolution:=optional,io.netty.buffer;version="[4.1,5)",io.netty.channel;version="[4.1,5)",io.netty.channel.embedded;version="[4.1,5)",io.netty.handler.codec,io.netty.handler.codec.base64;version="[4.1,5)",io.netty.handler.codec.compression;version="[4.1,5)",io.netty.handler.codec.http;version="[4.1,5)",io.netty.handler.logging;version="[4.1,5)",io.netty.handler.ssl;version="[4.1,5)",io.netty.handler.stream;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.collection;version="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",javax.net.ssl,sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;versi



on="[1,2]";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)  
";resolution:=optional  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"  
Tool: Bnd-2.4.1.201501161923  
Implementation-Vendor: The Netty Project  
Export-Package: io.netty.handler.codec.http2;uses:="io.netty.buffer,io  
.netty.channel,io.netty.channel.embedded,io.netty.handler.codec,io.ne  
tty.handler.codec.compression,io.netty.handler.codec.http,io.netty.ha  
ndler.logging,io.netty.handler.stream,io.netty.util,io.netty.util.col  
lection,io.netty.util.concurrent";version="4.1.86"  
Bundle-Name: Netty/Codec/HTTP2  
Bundle-Version: 4.1.86.Final  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk: 1.8.0\_352  
Implementation-URL: <https://netty.io/netty-codec-http2/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-codec-http2-4-1-86-final-jar/META-INF/MANIFEST.MF

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0  
Implementation-Title: Netty/Codec/Socks  
Bundle-Description: Netty is an asynchronous event-driven network appl  
ication framework for rapid development of maintainable high perfo  
rmance protocol servers and clients.  
Automatic-Module-Name: io.netty.codec.socks  
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>  
Bundle-SymbolicName: io.netty.codec.socks  
Implementation-Version: 4.1.86.Final  
Built-By: root  
Bnd-LastModified: 1670851140833  
Bundle-ManifestVersion: 2  
Implementation-Vendor-Id: io.netty  
Bundle-DocURL: <https://netty.io/>  
Bundle-Vendor: The Netty Project  
Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel;ver  
sion="[4.1,5)",io.netty.handler.codec,io.netty.util;version="[4.1,5)"  
,io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logg  
ing;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jet  
ty.npn;version="[1,2]";resolution:=optional,org.eclipse.jetty.alpn;ve  
rsion="[1,2]";resolution:=optional  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"  
Tool: Bnd-2.4.1.201501161923  
Implementation-Vendor: The Netty Project  
Export-Package: io.netty.handler.codec.socks;uses:="io.netty.buffer,io  
.netty.channel,io.netty.handler.codec";version="4.1.86",io.netty.han  
dler.codec.socksx;uses:="io.netty.buffer,io.netty.channel,io.netty.han

```
dlr.codec.io.netty.handler.codec.socksx.v5";version="4.1.86",io.netty.handler.codec.socksx.v4;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec,io.netty.handler.codec.socksx";version="4.1.86",io.netty.handler.codec.socksx.v5;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec,io.netty.handler.codec.socksx";version="4.1.86"
```

Bundle-Name: Netty/Codec/Socks

Bundle-Version: 4.1.86.Final

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0\_352

Implementation-URL: <https://netty.io/netty-codec-socks/>

Found in path(s):

```
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-socks-4-1-86-final-jar/META-INF/MANIFEST.MF
```

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```
#
```

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```

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#
```

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```

```
#
```

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```

```
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```

```
# under the License.
```

```
io.netty.util.internal.Hidden$NettyBlockHoundIntegration
```

Found in path(s):

```
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-common-4-1-86-final-jar/META-INF/services/reactor.blockhound.integration.BlockHoundIntegration
```

No license file was found, but licenses were detected in source scan.

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
```

```
<modelVersion>4.0.0</modelVersion>
```

```
<artifactId>jctools-core</artifactId>
```

```
<groupId>org.jctools</groupId>
```

```
<version>3.1.0</version>
```

```
<name>Java Concurrency Tools Core Library</name>
```

```
<description>Java Concurrency Tools Core Library</description>
```

```
<packaging>bundle</packaging>
```

```

<dependencies>
  <dependency>
    <groupId>org.hamcrest</groupId>
    <artifactId>hamcrest-all</artifactId>
    <version>${hamcrest.version}</version>
    <scope>test</scope>
  </dependency>

  <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <version>${junit.version}</version>
    <scope>test</scope>
  </dependency>

  <dependency>
    <groupId>com.google.guava</groupId>
    <artifactId>guava-testlib</artifactId>
    <version>${guava-testlib.version}</version>
    <scope>test</scope>
  </dependency>
</dependencies>
<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-surefire-plugin</artifactId>
      <version>3.0.0-M3</version>
      <configuration>
        <includes>
          <include>*</include>
        </includes>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.felix</groupId>
      <artifactId>maven-bundle-plugin</artifactId>
      <version>4.2.1</version>
      <extensions>>true</extensions>
      <configuration>
        <instructions>
          <Import-Package>sun.misc;resolution:=optional</Import-Package>
        </instructions>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-source-plugin</artifactId>

```

```

<version>3.2.0</version>
<executions>
  <execution>
    <id>attach-sources</id>
    <phase>verify</phase>
    <goals>
      <goal>jar-no-fork</goal>
    </goals>
  </execution>
</executions>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-javadoc-plugin</artifactId>
  <version>3.1.1</version>
  <configuration>
    <additionalOptions>
      <additionalOption>-Xdoclint:none</additionalOption>
    </additionalOptions>
    <source>8</source>
  </configuration>
  <executions>
    <execution>
      <id>attach-javadocs</id>
      <goals>
        <goal>jar</goal>
      </goals>
    </execution>
  </executions>
</plugin>
</plugins>
</build>

<distributionManagement>
  <repository>
    <id>bintray-jctools-jctools</id>
    <name>jctools-jctools</name>
    <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/;publish=1</url>
  </repository>
</distributionManagement>

<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

<licenses>
  <license>
    <name>Apache License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
  </license>
</licenses>

```

```
<distribution>repo</distribution>
</license>
</licenses>

<scm>
<url>https://github.com/JCTools/JCTools</url>
<connection>scm:git:https://github.com/JCTools/JCTools</connection>
<tag>HEAD</tag>
</scm>

<developers>
<developer>
<url>https://github.com/nitsanw</url>
</developer>
<developer>
<url>https://github.com/mjpt777</url>
</developer>
<developer>
<url>https://github.com/RichardWarburton</url>
</developer>
<developer>
<url>https://github.com/kay</url>
</developer>
<developer>
<url>https://github.com/franz1981</url>
</developer>
</developers>

<prerequisites>
<maven>3.5.0</maven>
</prerequisites>

<properties>
<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
<java.version>1.6</java.version>
<java.test.version>1.8</java.test.version>

<maven.compiler.source>${java.version}</maven.compiler.source>
<maven.compiler.target>${java.version}</maven.compiler.target>
<maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
<maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

<hamcrest.version>1.3</hamcrest.version>
<junit.version>4.12</junit.version>
<guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>
```

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-common-4-1-86-final-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

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Manifest-Version: 1.0

Implementation-Title: Netty/Codec

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.

Automatic-Module-Name: io.netty.codec

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>

Bundle-SymbolicName: io.netty.codec

Implementation-Version: 4.1.86.Final

Built-By: norman

Bnd-LastModified: 1670855178734

Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: <https://netty.io/>

Bundle-Vendor: The Netty Project

Import-Package: com.aayushatharva.brotli4j;resolution:=optional,com.aayushatharva.brotli4j.decoder;resolution:=optional,com.aayushatharva.brotli4j.encoder;resolution:=optional,com.github.luben.zstd;version="[1.5,2)";resolution:=optional,com.google.protobuf;version="[2.6,3)";resolution:=optional,com.google.protobuf.nano;resolution:=optional,com.jcraft.jzlib;resolution:=optional,com.ning.compress;version="[1.0,2)";resolution:=optional,com.ning.compress.lzf;version="[1.0,2)";resolution:=optional,com.ning.compress.lzf.util;version="[1.0,2)";resolution:=optional,io.netty.buffer;version="[4.1,5)",io.netty.channel;version="[4.1,5)",io.netty.channel.socket;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",lzma.sdk;resolution:=optional,lzma.sdk.lzma;resolution:=optional,net.jpountz.lz4;resolution:=optional,net.jpountz.xxhash;resolution:=optional,org.jboss.marshalling;resolution:=optional,sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.4.1.201501161923

Implementation-Vendor: The Netty Project

Export-Package: io.netty.handler.codec;uses:="io.netty.buffer,io.netty.channel,io.netty.channel.socket,io.netty.util";version="4.1.86",io.netty.handler.codec.base64;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec";version="4.1.86",io.netty.handler.codec.bytes;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec";version="4.1.86",io.netty.handler.codec.compression;uses:="com.aayushatharva.brotli4j.encoder,io.netty.buffer,io.netty.channel,io.netty.handler.c

odec,net.jpountz.lz4";version="4.1.86",io.netty.handler.codec.json;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec";version="4.1.86",io.netty.handler.codec.marshalling;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec,org.jboss.marshalling";version="4.1.86",io.netty.handler.codec.protobuf;uses:="com.google.protobuf,com.google.protobuf.nano,io.netty.buffer,io.netty.channel,io.netty.handler.codec";version="4.1.86",io.netty.handler.codec.serialization;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec";version="4.1.86",io.netty.handler.codec.string;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec";version="4.1.86",io.netty.handler.codec.xml;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec";version="4.1.86"

Bundle-Name: Netty/Codec

Bundle-Version: 4.1.86.Final

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0\_252

Implementation-URL: <https://netty.io/netty-codec/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-codec-4-1-86-final-jar/META-INF/MANIFEST.MF

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-->

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-transport-native-unix-common-4-1-86-final-jar/META-INF/maven/io.netty/netty-transport-native-unix-common/pom.xml

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Implementation-Title: Netty/Codec/HTTP

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance

rmance protocol servers and clients.  
Automatic-Module-Name: io.netty.codec.http  
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>  
Bundle-SymbolicName: io.netty.codec-http  
Implementation-Version: 4.1.86.Final  
Built-By: norman  
Bnd-LastModified: 1670855212920  
Bundle-ManifestVersion: 2  
Implementation-Vendor-Id: io.netty  
Bundle-DocURL: <https://netty.io/>  
Bundle-Vendor: The Netty Project  
Import-Package: com.aayushatharva.brotli4j.encoder;resolution:=optional,com.jcraft.jzlib;resolution:=optional,io.netty.buffer;version="[4.1,5)",io.netty.channel;version="[4.1,5)",io.netty.channel.embedded;version="[4.1,5)",io.netty.handler.codec,io.netty.handler.codec.base64;version="[4.1,5)",io.netty.handler.codec.compression;version="[4.1,5)",io.netty.handler.ssl;version="[4.1,5)",io.netty.handler.stream;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional  
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"  
Tool: Bnd-2.4.1.201501161923  
Implementation-Vendor: The Netty Project  
Export-Package: io.netty.handler.codec.http;uses:="io.netty.buffer,io.netty.channel,io.netty.channel.embedded,io.netty.handler.codec,io.netty.handler.codec.compression,io.netty.handler.codec.http.cookie,io.netty.handler.stream,io.netty.util";version="4.1.86",io.netty.handler.codec.http.cookie;version="4.1.86",io.netty.handler.codec.http.cors;uses:="io.netty.channel,io.netty.handler.codec.http";version="4.1.86",io.netty.handler.codec.http.multipart;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec,io.netty.handler.codec.http,io.netty.handler.stream,io.netty.util";version="4.1.86",io.netty.handler.codec.http.websocketx;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec,io.netty.handler.codec.http,io.netty.handler.stream,io.netty.util,io.netty.util.internal.logging";version="4.1.86",io.netty.handler.codec.http.websocketx.extensions;uses:="io.netty.channel,io.netty.handler.codec,io.netty.handler.codec.http.websocketx";version="4.1.86",io.netty.handler.codec.http.websocketx.extensions.compression;uses:="io.netty.channel,io.netty.handler.codec.http.websocketx.extensions";version="4.1.86",io.netty.handler.codec.rtsp;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec.http,io.netty.util";version="4.1.86",io.netty.handler.codec.spdy;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.codec,io.netty.handler.codec.http,io.netty.util";version="4.1.86"  
Bundle-Name: Netty/Codec/HTTP  
Bundle-Version: 4.1.86.Final



Created-By: Apache Maven Bundle Plugin  
Build-Jdk: 1.8.0\_252  
Implementation-URL: <https://netty.io/netty-codec-http/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-codec-http-4-1-86-final-jar/META-INF/MANIFEST.MF

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Implementation-Title: Netty/Transport

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.

Automatic-Module-Name: io.netty.transport

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>

Bundle-SymbolicName: io.netty.transport

Implementation-Version: 4.1.86.Final

Built-By: norman

Bnd-LastModified: 1670855167311

Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: <https://netty.io/>

Bundle-Vendor: The Netty Project

Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.resolver;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.4.1.201501161923

Implementation-Vendor: The Netty Project

Export-Package: io.netty.bootstrap;uses:="io.netty.channel,io.netty.resolver,io.netty.util";version="4.1.86",io.netty.channel;uses:="io.netty.bootstrap,io.netty.buffer,io.netty.util,io.netty.util.concurrent";version="4.1.86",io.netty.channel.embedded;uses:="io.netty.channel";version="4.1.86",io.netty.channel.group;uses:="io.netty.channel,io.netty.util.concurrent";version="4.1.86",io.netty.channel.internal;version="4.1.86",io.netty.channel.local;uses:="io.netty.channel";version="4.1.86",io.netty.channel.nio;uses:="io.netty.buffer,io.netty.channel,io.netty.util,io.netty.util.concurrent";version="4.1.86",io.netty.channel.oio;uses:="io.netty.buffer,io.netty.channel";version="4.1.86",io.netty.channel.pool;uses:="io.netty.bootstrap,io.netty.channel,io.netty.util.concurrent";version="4.1.86",io.netty.channel.socket;uses:="io.netty.buffer,io.netty.channel,io.netty.util";version="4.1.86",io.netty.channel.socket.nio;uses:="io.netty.buffer,io.netty.channel,io.netty.channel.nio,io.netty.channel.socket";version="4.1.86",io.netty.chan

nel.socket.oio;uses:="io.netty.buffer,io.netty.channel,io.netty.chann  
el.oio,io.netty.channel.socket";version="4.1.86"  
Bundle-Name: Netty/Transport  
Bundle-Version: 4.1.86.Final  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk: 1.8.0\_252  
Implementation-URL: <https://netty.io/netty-transport/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-transport-4-1-86-final-jar/META-INF/MANIFEST.MF

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0  
Implementation-Title: Netty/Buffer  
Bundle-Description: Netty is an asynchronous event-driven network appl  
ication framework for rapid development of maintainable high perfo  
rmance protocol servers and clients.  
Automatic-Module-Name: io.netty.buffer  
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>  
Bundle-SymbolicName: io.netty.buffer  
Implementation-Version: 4.1.86.Final  
Built-By: norman  
Bnd-LastModified: 1670855150807  
Bundle-ManifestVersion: 2  
Implementation-Vendor-Id: io.netty  
Bundle-DocURL: <https://netty.io/>  
Bundle-Vendor: The Netty Project  
Import-Package: io.netty.util;version="[4.1,5)",io.netty.util.concurre  
nt;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.nett  
y.util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=opti  
onal,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.e  
clipse.jetty.alpn;version="[1,2)";resolution:=optional  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"  
Tool: Bnd-2.4.1.201501161923  
Implementation-Vendor: The Netty Project  
Export-Package: io.netty.buffer;uses:="io.netty.util";version="4.1.86"  
,io.netty.buffer.search;uses:="io.netty.util";version="4.1.86"  
Bundle-Name: Netty/Buffer  
Bundle-Version: 4.1.86.Final  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk: 1.8.0\_252  
Implementation-URL: <https://netty.io/netty-buffer/>

Found in path(s):

\* /opt/cola/permits/1509095589\_1671715267.5524309/0/netty-zip/netty/netty-buffer-4-1-86-final-jar/META-INF/MANIFEST.MF

# 1.1056 x-crypto 0.0.0-20220315160706-3147a52a75dd

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# 1.1057 mitchellh-mapstructure 1.4.1

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## 1.1058 go.uber.org/atom 1.8.0

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## 1.1059 jetty-servlets 9.4.48.v20220622

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Eclipse

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- \* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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- \* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- \* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

- org.ow2.asm:asm-commons
- org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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# 1.1060 logrus 1.8.1

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# 1.1061 go-asn1-ber-asn1-ber 1.5.3

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