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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007

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*-----
*
* File Name: ioLib.s
*
* Function: C-callable assembler functions for I/O.
*
* Author: Bill DeStein.
*
* Change Activity-
*
* Date Description of Change BY
* -----
* 13-Aug-92 Created WCD
* 27-May-94 Port to Oak MPT
* 24-Apr-95 Port to Metaware JWB
* 26-Apr-99 Port to Walnut (added in and out byte reversed routines) JWB
*-----
```


1.6 CUDD: CU Decision Diagram Package

v2.4.1

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* Tim Martin
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* Tim Martin

* Rob Earhart

* Rob Siemborski

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1.8 e_exp.c, e_log.c (from Sun libmath) 1993

:IOS

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1.10 freebsd-tty-headers n/a

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*

* @(#)ttychars.h 8.2 (Berkeley) 1/4/94

* \$FreeBSD: src/sys/sys/ttychars.h,v 1.7 1999/08/28 00:52:06 peter Exp \$

*/

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 *
 * @(#)ttycom.h 8.1 (Berkeley) 3/28/94
 * \$FreeBSD: src/sys/sys/ttycom.h,v 1.16 2000/01/29 16:47:35 peter Exp \$
 */
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*
*   @(#)ttydefaults.h      8.4 (Berkeley) 1/21/94
* $FreeBSD: src/sys/sys/ttydefaults.h,v 1.13.2.1 2001/03/06 03:37:08 jkh Exp $
*/

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1.11 ftp.h 4.4BSD?

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* @(#)ftp.h 8.1 (Berkeley) 6/2/93
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```

1.12 inflate.c c10p1

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```

/* inflate.c -- Not copyrighted 1992 by Mark Adler
   version c10p1, 10 January 1993 */

/* You can do whatever you like with this source file, though I would
   prefer that if you modify it and redistribute it that you include
   comments to that effect with your name and the date.  Thank you.
   [The history has been moved to the file ChangeLog.]
*/

/* $Id: inflate.c,v 3.2.60.1 1996/03/18 19:11:09 gstovall Exp $
   $Source: /release/111/cvs/Xsys/czip/inflate.c,v $
   -----
   * inflate.c - unzip inflate
   *
   * December 1994, Michael Beesley
   *
   * Copyright (c) 1990-1997, 2001, 2004-2005, 2007 by cisco Systems, Inc.
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   *
   * -----
   * $Log: inflate.c,v $
   * Revision 3.2.60.1 1996/03/18 19:11:09 gstovall
   * Branch: California_branch
   * Elvis has left the building.  He headed out to California, and took the
   * port ready changes with him.
   *
   * Revision 3.2.26.2 1996/03/07 08:42:15 mdb
   * Branch: DeadKingOnAThrone_branch

```

```

* cisco and ANSI/POSIX libraries.
*
* Revision 3.2.26.1 1996/02/20 13:44:31 dstine
* Branch: DeadKingOnAThrone_branch
*   Sync from DeadKingOnAThrone_baseline_960122 to
*   DeadKingOnAThrone_baseline_960213
*
* Revision 3.2 1995/11/17 08:58:13 hampton
* Remove old entries from the RCS header logs.
*
* Revision 3.1 1995/11/09 11:15:19 shaker
* Bump version numbers from 2.x to 3.x.
*
* Revision 2.2 1995/06/23 22:23:30 mbeesley
* CSCdi36360: 95q1 compiler fails to build czip_elf
* Work-around the compiler bug by declaring variables static.
* This allows zipped images for c4500, rsp to ship in 11.0.
*
* Revision 2.1 1995/06/07 20:22:19 hampton
* Bump version numbers from 1.x to 2.x.
*
*-----
* $Endlog$
*/

```

1.13 iniparser 2.8

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1.14 IOS ION platform-independent UC Berkeley C 1

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1.15 ipc.h (os infra pi ipc) 8.3

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1.16 kerberos 5 5 :1.4.1

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1.17 libgcc and libstdc++ (gcc) 4.2.1

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1. [1]Mark Andrews <mark_andrews@isc.org> Leitch atomic clock controller
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3. [3]Viraj Bais <vbais@mailman1.intel.com> and [4]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
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8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
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12. [13]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
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15. [16]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
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22. [23]Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or [24]<H.Lambermont@chello.nl> ntpsweep
23. [25]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
24. [26]Frank Kardel [27]<Frank.Kardel@informatik.uni-erlangen.de> PARSE <GENERIC> driver (14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup
25. [28]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
26. [29]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
27. [30]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
28. [31]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
29. [32]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
30. [33]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
31. [34]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
32. [35]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG
33. [36]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
34. [37]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
35. [38]Tom Moore <tmooore@fieval.daytonoh.ncr.com> i386 svr4 port
36. [39]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
37. [40]Derek Mulcahy <derek@toybox.demon.co.uk> and [41]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
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41. [45]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
42. [46]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
43. [47]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
44. [48]Michael Shields <shields@tembel.org> USNO clock driver
45. [49]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
46. [50]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
47. [51]Kenneth Stone <ken@sdd.hp.com> HP-UX port
48. [52]Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support
49. [53]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock

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50. [54]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic
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51. [55]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and
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Darren Tucker
Sun Microsystems

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1.23 OpenSSL 0.9.7

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 *
 * @(#)bpf.h 7.1 (Berkeley) 5/7/91
 *
 * @(#) $Header: /tcpdump/master/libpcap/pcap-bpf.h,v 1.34 2005/02/08 20:03:15 guy Exp $ (LBL)
 */
```

# 1.25 Poul-Henning Kamp Inflate and MD5 1

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```
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```

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 *
 * @(#)radix.c 8.4 (Berkeley) 11/2/94
 * $FreeBSD: src/sys/net/radix.c,v 1.20.2.3 2002/04/28 05:40:25 suz Exp $
 */
```

# 1.28 regex 3.8a

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# 1.29 RegEx 3.4a

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## 1.30 sem.h 4.4BSD? via NetBSD

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 */
```

\* from: @(#)sem.h 8.1 (Berkeley) 6/6/93

\*/

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/\*=====

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Date: Wed, 18 Aug 2010 11:25:39 -0700

From: Wim Coekaerts <wim.coekaerts@oracle.com>

To: Peter Brown <peterb@fsf.org>, drepper@redhat.com, tcallawa@redhat.com

CC: Elena Zannoni <elena.zannoni@oracle.com>

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rstat\_proc.c

(2) krb5

authunix\_prot.c

bindresvport.c

clnt\_generic.c

clnt\_perror.c

clnt\_simple.c

get\_myaddress.c

getrpcent.c

pmap\_getmaps.c

pmap\_getport.c

rpc\_callmsg.c

rpc\_commdata.c

rpc\_dtablesize.c

svc\_auth\_unix.c

types.hin

xdr\_alloc.c

xdr\_reference.c

possibly also the following :

include/gssrpc/auth.h

include/gssrpc/auth\_unix.h

include/gssrpc/clnt.h

include/gssrpc/netdb.h

include/gssrpc/pmap\_clnt.h

include/gssrpc/pmap\_prot.h

include/gssrpc/pmap\_rmt.h

include/gssrpc/rpc.h

include/gssrpc/rpc\_msg.h

include/gssrpc/svc\_auth.h

include/gssrpc/svc.h

include/gssrpc/types.hin

include/gssrpc/xdr.h

kadmin/server/ovsec\_kadmd.c

lib/rpc/auth\_none.c

lib/rpc/auth\_unix.c

lib/rpc/authunix\_prot.c

lib/rpc/bindresvport.c

lib/rpc/clnt\_generic.c  
lib/rpc/clnt\_perror.c

lib/rpc/clnt\_raw.c  
lib/rpc/clnt\_simple.c  
lib/rpc/clnt\_tcp.c

lib/rpc/clnt\_udp.c  
lib/rpc/get\_myaddress.c

lib/rpc/getrpcent.c  
lib/rpc/getrpcport.c  
lib/rpc/pmap\_clnt.c

lib/rpc/pmap\_getmaps.c  
lib/rpc/pmap\_getport.c

lib/rpc/pmap\_prot2.c  
lib/rpc/pmap\_prot.c  
lib/rpc/pmap\_rmt.c

lib/rpc/rpc\_callmsg.c  
lib/rpc/rpc\_commdata.c

lib/rpc/rpc\_dtablesize.c  
lib/rpc/rpc\_prot.c

lib/rpc/svc\_auth.c  
lib/rpc/svc\_auth\_unix.c  
lib/rpc/svc.c

lib/rpc/svc\_raw.c  
lib/rpc/svc\_run.c  
lib/rpc/svc\_simple.c

lib/rpc/svc\_tcp.c  
lib/rpc/svc\_udp.c

lib/rpc/unit-test/server.c  
lib/rpc/xdr\_alloc.c

lib/rpc/xdr\_array.c  
lib/rpc/xdr.c  
lib/rpc/xdr\_float.c

lib/rpc/xdr\_mem.c  
lib/rpc/xdr\_rec.c  
lib/rpc/xdr\_reference.c

lib/rpc/xdr\_sizeof.c

lib/rpc/xdr\_stdio.c

(3) glibc

auth\_des.c

authdes\_prot.c

auth.h

auth\_none.c

auth\_unix.c

auth\_unix.h

authuxprot.c

bindrsvprt.c

bootparam\_prot.x

clnt\_gen.c

clnt.h

clnt\_perr.c

clnt\_raw.c

clnt\_simp.c

clnt\_tcp.c

clnt\_udp.c

clnt\_unix.c

des\_crypt.c

des\_crypt.h

des\_soft.c

get\_myaddr.c

getrpcport.c

key\_call.c

key\_prot.c

key\_prot.h

key\_prot.x

klm\_prot.x

mount.x

netdb.h

nfs\_prot.x

nlm\_prot.x

openchild.c

pmap\_clnt.c

pmap\_clnt.h

pmap\_prot2.c

pmap\_prot.c

pmap\_prot.h

pmap\_rmt.c

pmap\_rmt.h

pm\_getmaps.c

pm\_getport.c  
rex.x  
rpc\_clntout.c  
rpc\_cmsg.c  
rpc\_common.c  
rpc\_cout.c  
rpc\_des.h  
rpc\_dtable.c  
rpc.h  
rpc\_hout.c  
rpcinfo.c  
rpc\_main.c  
rpc\_msg.h  
rpc\_parse.c  
rpc\_parse.h  
rpc\_prot.c  
rpc\_sample.c  
rpc\_scan.c  
rpc\_scan.h  
rpc\_svcout.c  
rpc\_tblout.c  
rpc\_util.c  
rpc\_util.h  
rstat.x  
rtime.c  
rusers.x  
sm\_inter.x  
spray.x  
svc\_auth.c  
svcauth\_des.c  
svc\_auth.h  
svc\_authux.c  
svc.c  
svc.h  
svc\_raw.c  
svc\_run.c  
svc\_simple.c  
svc\_tcp.c  
svc\_udp.c  
svc\_unix.c  
types.h  
xcrypt.c  
xdr\_array.c  
xdr.c  
xdr\_float.c  
xdr.h  
xdr\_mem.c  
xdr\_rec.c

xdr\_ref.c  
xdr\_sizeof.c  
xdr\_stdio.c  
yppasswd.x

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thanks

Wim Coekaerts

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# 1.35 termcap 4.4BSD? via OpenBSD

## 1.35.1 Available under license :

```
/* $OpenBSD: termcap.c,v 1.7 2009/10/27 23:59:46 deraadt Exp $ */
/* $NetBSD: termcap.c,v 1.7 1995/06/05 19:45:52 pk Exp $ */

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 */
```

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*
* @(#)tftp.h 8.1 (Berkeley) 6/2/93
* $FreeBSD: /repoman/r/ncvs/src/include/arpa/tftp.h,v 1.3.6.1 2002/08/14 21:59:26 peter Exp $
*/

```

## 1.37 tgoto.c 4.4BSD?

### 1.37.1 Available under license :

```

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* 2550 Garcia Avenue
```

# \* Mountain View, California 94043

# \*/

Date: Wed, 18 Aug 2010 11:25:39 -0700

From: Wim Coekaerts <wim.coekaerts@oracle.com>

To: Peter Brown <peterb@fsf.org>, drepper@redhat.com, tcallawa@redhat.com

CC: Elena Zannoni <elena.zannoni@oracle.com>

Subject: sun rpc license

Hi -

I was thinking of doing patches for this but it's probably easier to just provide you with an email with permission to relicense then it can catch the files and projects. Please let me know if any files are missing I will be happy to review that as well. just send me a note with files and which project

On behalf of Oracle America, I authorize the following list of files to be re-licensed under the license below, (3-clause BSD) and changing the old Sun Microsystems license to the one attached. :

(1) rusers (netkit)

rstat\_proc.c

(2) krb5

authunix\_prot.c

bindresvport.c

clnt\_generic.c

clnt\_perror.c

clnt\_simple.c

get\_myaddress.c

getrpcent.c

pmap\_getmaps.c

pmap\_getport.c

rpc\_callmsg.c

rpc\_commondata.c

rpc\_dtablesize.c

svc\_auth\_unix.c

types.hin

xdr\_alloc.c

xdr\_reference.c

possibly also the following :

include/gssrpc/auth.h

include/gssrpc/auth\_unix.h

include/gssrpc/clnt.h

include/gssrpc/netdb.h

include/gssrpc/pmap\_clnt.h  
include/gssrpc/pmap\_prot.h

include/gssrpc/pmap\_rmt.h  
include/gssrpc/rpc.h

include/gssrpc/rpc\_msg.h  
include/gssrpc/svc\_auth.h

include/gssrpc/svc.h  
include/gssrpc/types.h

include/gssrpc/xdr.h  
kadmin/server/ovsec\_kadmd.c

lib/rpc/auth\_none.c  
lib/rpc/auth\_unix.c

lib/rpc/authunix\_prot.c  
lib/rpc/bindresvport.c

lib/rpc/clnt\_generic.c  
lib/rpc/clnt\_perror.c

lib/rpc/clnt\_raw.c  
lib/rpc/clnt\_simple.c  
lib/rpc/clnt\_tcp.c

lib/rpc/clnt\_udp.c  
lib/rpc/get\_myaddress.c

lib/rpc/getrpcent.c  
lib/rpc/getrpcport.c  
lib/rpc/pmap\_clnt.c

lib/rpc/pmap\_getmaps.c  
lib/rpc/pmap\_getport.c

lib/rpc/pmap\_prot2.c  
lib/rpc/pmap\_prot.c  
lib/rpc/pmap\_rmt.c

lib/rpc/rpc\_callmsg.c  
lib/rpc/rpc\_commdata.c

lib/rpc/rpc\_dtablesiz.c  
lib/rpc/rpc\_prot.c

lib/rpc/svc\_auth.c  
lib/rpc/svc\_auth\_unix.c  
lib/rpc/svc.c

lib/rpc/svc\_raw.c  
lib/rpc/svc\_run.c  
lib/rpc/svc\_simple.c

lib/rpc/svc\_tcp.c  
lib/rpc/svc\_udp.c

lib/rpc/unit-test/server.c  
lib/rpc/xdr\_alloc.c

lib/rpc/xdr\_array.c  
lib/rpc/xdr.c  
lib/rpc/xdr\_float.c

lib/rpc/xdr\_mem.c  
lib/rpc/xdr\_rec.c  
lib/rpc/xdr\_reference.c

lib/rpc/xdr\_sizeof.c  
lib/rpc/xdr\_stdio.c

### (3) glibc

auth\_des.c  
authdes\_prot.c  
auth.h  
auth\_none.c  
auth\_unix.c  
auth\_unix.h  
authxprot.c  
bindrsvprt.c  
bootparam\_prot.x  
clnt\_gen.c  
clnt.h  
clnt\_perr.c  
clnt\_raw.c  
clnt\_simp.c  
clnt\_tcp.c  
clnt\_udp.c  
clnt\_unix.c  
des\_crypt.c

des\_crypt.h  
des\_soft.c  
get\_myaddr.c  
getrpcport.c  
key\_call.c  
key\_prot.c  
key\_prot.h  
key\_prot.x  
klm\_prot.x  
mount.x  
netdb.h  
nfs\_prot.x  
nlm\_prot.x  
openchild.c  
pmap\_clnt.c  
pmap\_clnt.h  
pmap\_prot2.c  
pmap\_prot.c  
pmap\_prot.h  
pmap\_rmt.c  
pmap\_rmt.h  
pm\_getmaps.c  
pm\_getport.c  
rex.x  
rpc\_clntout.c  
rpc\_cmsg.c  
rpc\_common.c  
rpc\_cout.c  
rpc\_des.h  
rpc\_dtable.c  
rpc.h  
rpc\_hout.c  
rpcinfo.c  
rpc\_main.c  
rpc\_msg.h  
rpc\_parse.c  
rpc\_parse.h  
rpc\_prot.c  
rpc\_sample.c  
rpc\_scan.c  
rpc\_scan.h  
rpc\_svcout.c  
rpc\_tblout.c  
rpc\_util.c  
rpc\_util.h  
rstat.x  
rtime.c  
rusers.x

sm\_inter.x  
spray.x  
svc\_auth.c  
svcauth\_des.c  
svc\_auth.h  
svc\_authux.c  
svc.c  
svc.h  
svc\_raw.c  
svc\_run.c  
svc\_simple.c  
svc\_tcp.c  
svc\_udp.c  
svc\_unix.c  
types.h  
xcrypt.c  
xdr\_array.c  
xdr.c  
xdr\_float.c  
xdr.h  
xdr\_mem.c  
xdr\_rec.c  
xdr\_ref.c  
xdr\_sizeof.c  
xdr\_stdio.c  
yppasswd.x

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Wim Coekaerts  
Senior Vice President  
Linux and Virtualization Engineering  
Oracle Corporation

## 1.39 tputs.c 4.4BSD? via NetBSD

### 1.39.1 Available under license :

```
/* $NetBSD: tputs.c,v 1.23 2005/05/15 21:11:13 christos Exp $ */
```

```
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```

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```

```
*
```

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*
* searchpref.h: display template library defines
* 16 May 1994 by Gordon Good
*/
```

## 1.41 Zlib 1.1.2

### 1.41.1 Available under license :

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.1.3, July 9th, 1998
```

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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 <ftp://ds.internic.net/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](ftp://ds.internic.net/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](ftp://ds.internic.net/rfc/rfc1952.txt) (gzip format).

\*/

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