



# Open Source Software Licenses for the StarOS

## Release 21.1

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### **Americas Headquarters**

Cisco Systems, Inc.

170 West Tasman Drive

San Jose, CA 95134-1706

USA

<http://www.cisco.com>

Tel: 408 526-4000

800 553-NETS (6387)

Fax: 408 527-0883



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```
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```
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```

<signature of Ty Coon>, 1 April 1989  
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## 1.6 bash 4.3

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```
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```

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Upstream-Name: ExaBGP

Upstream-Contact: Thomas Mangin <[thomas.mangin@exa-networks.co.uk](mailto:thomas.mangin@exa-networks.co.uk)>

Source: <https://github.com/Exa-Networks/exabgp>

Files: \*

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Theodore Ts'o  
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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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```
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```

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```
<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
```

That's all there is to it!

## 1.33 EZdriver NP 4c, loadable kernel module

### 12.46a

#### 1.33.1 Available under license :

Source code contains:

```
"MODULE_LICENSE("GPL");"  
/* Xtensa configuration settings.  
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# 1.39 GitPython 0.3.1-beta2

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# 1.40 gittle 0.5.0

# 1.41 glib 1.3.5

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```
<one line to give the library's name and a brief idea of what it does.>  
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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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# 1.43 glibc 2.2.4

## 1.43.1 Available under license :

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Version 2.1, February 1999

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any

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```

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```

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```
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```

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

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```
-----
/*
* apping.c
*
```



```
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*
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*/
```

```
-----
/*
*
* Modified for AF_INET6 by Pedro Roque
*
* <roque@di.fc.ul.pt>
*
* Original copyright notice included bellow
*/
```

## 1.56 IPy 0.62

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/\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see init\_nicstar() for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather lists

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers

\* as needed. This means that data must always be copied to create

\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

\* Fix is simple: make large buffers large enough to hold entire

\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then

\* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large

\* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer

\* combined, allow nicstar\_free\_rx\_skb to be called to

\* recycle large data buffers

\* 2) skb\_clone of received buffers

\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation

\* details.

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\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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```
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```

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under certain conditions; type `show c' for details.
```

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```
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```

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

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## 1.80 mksquashfs 4.3

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```

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```
/*
```

```
* Unsquash a squashfs filesystem. This is a highly compressed read only
```

```

* filesystem.
*
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*
* unsquash-1.c
*/
#ifndef GZIP_WRAPPER_H
#define GZIP_WRAPPER_H
/*
* Squashfs
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*
* gzip_wrapper.h
*
*/

```

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1. [1]Mark Andrews <mark\_andrews@isc.org> Leitch atomic clock controller
2. [2]Bernd Altmeier <altmeier@atsoft.de> hopf Elektronik serial line and PCI-bus devices
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15. [16]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux

- port
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  18. [19]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
  19. [20]Mike Iglesias <iglesias@uci.edu> DEC Alpha port
  20. [21]Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
  21. [22]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
  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]<kardel (at) ntp (dot) org> PARSE <GENERIC> driver (>14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
  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.BSD 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
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  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> ntprtrace utility
  35. [38]Tom Moore <tmoore@fieval.daytonoh.ncr.com> i386 svr4 port
  36. [39]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
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  39. [43]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
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  43. [47]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
  44. [48]Michael Shields <shields@tembel.org> USNO clock driver
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- 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 driver
  50. [54]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
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- 

## References

1. [mailto:%20mark\\_andrews@isc.org](mailto:mark_andrews@isc.org)
2. [mailto:%20altmeier@atsoft.de](mailto:altmeier@atsoft.de)
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29. [mailto:%20dkatz@cisco.com](mailto:dkatz@cisco.com)
30. [mailto:%20leres@ee.lbl.gov](mailto:leres@ee.lbl.gov)
31. [mailto:%20lindholm@ucs.ubc.ca](mailto:lindholm@ucs.ubc.ca)
32. [mailto:%20louie@ni.umd.edu](mailto:louie@ni.umd.edu)

33. mailto:%20thorinn@diku.dk
34. mailto:%20mayer@ntp.org
35. mailto:%20mills@udel.edu
36. mailto:%20moeller@gwdgv1.dnet.gwdg.de
37. mailto:%20mogul@pa.dec.com
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53. mailto:%20tsuruoka@nc.fukuoka-u.ac.jp
54. mailto:%20vixie@vix.com
55. mailto:%20Ulrich.Windl@rz.uni-regensburg.de

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\*

\* Optimised ANSI C code for the Rijndael cipher (now AES)

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\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>  
\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>  
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## 1.96 paramiko 1.10.0

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## 1.97 pciutils 3.1.8

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gzip@prep.ai.mit.edu    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).

# 1.102 procps 3.2.6

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## 1.103 procps - library 3.2.6

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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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# 1.104 psmisc 20.2

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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.

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
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Written by: Philip Hazel <ph10@cam.ac.uk>

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\*  
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```

```
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Version: 15.0  
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## 1.116 sg3\_utils 1.35

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 Bruce Allen <ballen at gravity dot phys dot uwm dot edu>,

Peter Allworth <linsol at zeta dot org dot au>,  
James Bottomley <jejb at parisc-linux dot org>,  
Lars Marowsky-Bree <lmb at suse dot de>,  
Kurt Garloff <garloff at suse dot de>,  
Grant Grundler <grundler at parisc-linux dot org>,  
Christophe Varoqui <christophe dot varoqui at free dot fr>,  
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It was downloaded from <URL:http://sg.danny.cz/sg/>

Upstream Authors: Douglas Gilbert <dgilbert at interlog dot com>,  
Bruce Allen <ballen at gravity dot phys dot uwm dot edu>,  
Peter Allworth <linsol at zeta dot org dot au>,  
James Bottomley <jejb at parisc-linux dot org>,  
Lars Marowsky-Bree <lmb at suse dot de>,  
Kurt Garloff <garloff at suse dot de>,  
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```
*/
```

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## 1.118 shadow-utils 19990827

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```
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```
+++++
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## 1.125 sysvinit 2.78-4

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This package was put together by Bruce Perens <Bruce@Pixar.com> from pre-distribution sources. Ian Murdock <imurdock@debian.org> integrated it into the base system maintained it until the end of 1995. Miquel van Smoorenburg <miquels@cistron.nl> has integrated debian support into the base package.

Changes:

29-January-1995 Bruce Perens <Bruce@Pixar.com>

Added Debian GNU/Linux package maintenance system files.

25-February-1995 Ian Murdock <imurdock@debian.org>

Finished integration of Sys V Init into the base system.

28-December-1995 Miquel van Smoorenburg <miquels@cistron.nl>

Added debian support to sysvinit.

For further changes see the ChangeLog file.

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## 1.132 traceroute\_1.4a12 1.4a12

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Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision 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

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`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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## 1.136 usbutils 006

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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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## 1.137 Userspace RCU 0.8.6

### 1.137.1 Available under license :

Userspace RCU library licensing  
Mathieu Desnoyers  
September 3, 2012

\* LGPLv2.1

The library part is distributed under LGPLv2.1 or later. See lgpl-2.1.txt for license details. Refer to the individual file headers for details.

LGPL-compatible source code can statically use the library header using :

```
#define _LGPL_SOURCE
#include <urcu.h>
```

Dynamic-only linking with the LGPL library is used if `_LGPL_SOURCE` is not defined. It permits relinking with newer versions of the library, which is required by the LGPL license.

See `lgpl-relicensing.txt` for details.

\* MIT-style license :

`xchg()` primitive has been rewritten from scratch starting from `atomic_ops 1.2` which has a MIT-style license that is intended to allow use in both free and proprietary software:

[http://www.hpl.hp.com/research/linux/atomic\\_ops/LICENSING.txt](http://www.hpl.hp.com/research/linux/atomic_ops/LICENSING.txt)

[http://www.hpl.hp.com/personal/Hans\\_Boehm/gc/gc\\_source/](http://www.hpl.hp.com/personal/Hans_Boehm/gc/gc_source/)

This MIT-style license (BSD like) apply to:

`uatomic/gcc.h`  
`uatomic/unknown.h`  
`uatomic/generic.h`  
`uatomic/sparc64.h`  
`uatomic/arm.h`  
`uatomic/ppc.h`  
`uatomic/x86.h`  
`uatomic.h`

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`arch/s390.h`  
`uatomic/alpha.h`  
`uatomic/mips.h`  
`uatomic/s390.h`  
`system.h`

\* GPLv2

Library test code is distributed under the GPLv2 license. See `gpl-2.0.txt` for license details. See headers of individual files under `tests/` for details.

\* GPLv3 (or later)

The following build-related macro is under GPLv3 (or later):

`m4/ax_tls.m4`

Mathieu Desnoyers  
May 13th, 2009

IBM Corporation allowed LGPLv2.1+ licensing of their contribution to the userspace RCU library in a patch submitted on May 8, 2009 from Paul E. McKenney and reviewed by Steven L. Bennett:

<http://lists.casi.polymtl.ca/pipermail/ltt-dev/2009-May/001584.html>

I (Mathieu Desnoyers) re-implemented ACCESS\_ONCE(), likely(), unlikely() and barrier() from scratch without reference to the original code.

commit id : 2dc5fa0f7cfbfb0a64a7a67b39626650e863f16a

Bert Wesarg <bert.wesarg@googlemail.com> approved LGPL relicensing of his patch in an email dated May 13, 2009 :

<http://lkml.org/lkml/2009/5/13/16>

xchg() primitives has been rewritten from a MIT-licensed cmpxchg for Intel and powerpc. They are MIT-licensed and therefore usable in LGPL code. This cmpxchg code was obtained from the atomic\_ops project:

[http://www.hpl.hp.com/research/linux/atomic\\_ops/](http://www.hpl.hp.com/research/linux/atomic_ops/)

I (Mathieu Desnoyers) wrote the remainder of the code.

The license for the library files in this project was therefore changed to LGPLv2.1 on May 13, 2009, as detailed in LICENSE.

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Version 2.1, February 1999

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# 1.138 Userspace RCU/GPL2 Test code 0.8.6

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Mathieu Desnoyers  
September 3, 2012

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```
#define _LGPL_SOURCE  
#include <urcu.h>
```

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xchg() primitive has been rewritten from scratch starting from atomic\_ops 1.2  
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```
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uatomic/unknown.h  
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uatomic/mips.h  
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m4/ax\_tls.m4

## 1.139 Userspace RCU/GPL3 Build scripts subpart 0.8.6

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Version 3, 29 June 2007

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Userspace RCU library licensing

Mathieu Desnoyers

September 3, 2012

\* LGPLv2.1

The library part is distributed under LGPLv2.1 or later. See `lgpl-2.1.txt` for license details. Refer to the individual file headers for details.

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```
#define _LGPL_SOURCE
#include <urcu.h>
```

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m4/ax\_tls.m4

## 1.140 valgrind 3.8.1

### 1.140.1 Available under license :

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```
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```
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## 1.149 zlib 1.2.3

### 1.149.1 Available under license :

License attached

```
/* 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).

\*/

## 1.150 Zlib 1.1.4

### 1.150.1 Available under license :

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```
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.1.4, March 11th, 2002
```

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

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\*/

## 1.151 zlib 1.2.7

### 1.151.1 Available under license :

interface of the 'zlib' general purpose compression library  
version 1.2.7, May 2nd, 2012

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jloup@gzip.org      madler@alumni.caltech.edu

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