



## **Open Source Software Licenses for the Cisco ASR 5000 Series Multimedia Network Core Platform**

Version 12.0

04-14-2011

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# Open Source Used In the Cisco ASR 5000 Series Multimedia Network Core Platform v12.0

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## 1.5 bash 2.05b

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## 1.7 binutils 2.14

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Theodore Ts'o  
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## 1.23 glib 1.3.5

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## 1.24 glibc 2.2.4

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```

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## 1.53 mdadm 2.6.4

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  8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
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  17. [18]John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing
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  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
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  - 37. [40]Derek Mulcahy <derek@toybox.demon.co.uk> and [41]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
  - 38. [42]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
  - 39. [43]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
  - 40. [44]Wilfredo S?nchez <wsanchez@apple.com> added support for NetInfo
  - 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 driver
  - 50. [54]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
  - 51. [55]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD
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Jean-loup Gailly      Mark Adler  
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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 <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).

# 1.69 procps 3.2.6

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## 1.70 procps - library 3.2.6

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

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# 1.87 sysvinit 2.78-4

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This is the Debian GNU/Linux prepackaged version of System V Init. Init was written by Miquel van Smoorenburg <miquels@drinkel.cistron.nl>.

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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## 1.103 Zlib 1.1.4

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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\*/

# 1.104 zlib 1.1.3

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# 1.105 zlib 1.2.3

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.3, July 18th, 2005

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