



Intel® Modular Server Product Line

Software Information Document

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October, 2011

Enterprise Platforms and Services Division

Revision History

Date	Revision Number	Modifications
October 2011	1.0	Initial release.

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Version : 3.

Date : 19 August 1993.

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Heap Manager –

/*

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

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Glenn Randers-Pehrson
glennrp@users.sourceforge.net
August 15, 2004

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*

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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 `example.c` which also tests that the library is working correctly. Another example is given in the file `minigzip.c`. The compression library itself is composed of all source files except `example.c` and `minigzip.c`.

To compile all files and run the test program, follow the instructions given at the top of `Makefile`. In short "make test; make install" should work for most machines. For Unix: ".configure; make test; make install" For MSDOS, use one of the special makefiles such as `Makefile.msc`. For VMS, use `Make_vms.com` or `descrip.mms`.

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://www.zlib.org> or <http://www.gzip.org/zlib/> 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://www.gzip.org/zlib/zlib\\_faq.html](http://www.gzip.org/zlib/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 in <http://dogma.net/markn/articles/zlibtool/zlibtool.htm>

The changes made in version 1.2.1.1 are documented in the file `ChangeLog`.

Unsupported third party contributions are provided in directory "contrib".

A Java implementation of zlib is available in the Java Development Kit <http://java.sun.com/j2se/1.4.2/docs/api/java/util/zip/package-summary.html> See the zlib home page <http://www.zlib.org> for details.

A Perl interface to zlib written by Paul Marquess [<pmqs@cpan.org>](mailto:pmqs@cpan.org) is in the CPAN (Comprehensive Perl Archive Network) sites <http://www.cpan.org/modules/by-module/Compress/>

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://www.python.org/doc/lib/module-zlib.html>

A zlib binding for TCL written by Andreas Kupries [<a.kupries@westend.com>](mailto:a.kupries@westend.com) is

available at [http://www.oche.de/~akupries/soft/trf/trf\\_zip.html](http://www.oche.de/~akupries/soft/trf/trf_zip.html)

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 (formerly 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, BEOS and by some Mac compilers.
- For PalmOs, see <http://palmzlib.sourceforge.net/>
- When building a shared, i.e. dynamic library on Mac OS X, the library must be installed before testing (do "make install" before "make test"), since the library location is specified in the library.

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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#### Portmap-5beta –

```

1 @(#) BLURB 1.5 96/07/06 23:09:45
2
3 This is the fifth replacement portmapper release.
4
5 There is an increasing interest in access control for the NIS, mount
6 and other RPC-based services that are normally registered with the
7 portmap process. Possible attacks on RPC daemons involve:
8
9 - theft of NIS (YP) password files
10
11 - ypset to force hosts to bind to a rogue NIS (YP) server
12
13 - theft of NFS file handles
14
15 My contribution is a replacement portmap program, derived from source
16 code in the RPCSRC 4.0 and the TIRPC source distributions. Access
17 control (optional) is in the style of my tcp wrapper (log_tcp) package.
18
19 Supported platforms: this program is known to work with all SunOS 4.x
20 releases. With some Makefile editing it should also work on Ultrix 4.x,
21 HP-UX 9.x, AIX 3.x and AIX 4.x, and Digital UNIX (OSF/1).
22
23 Solaris 2.x and other System V.4 UNIXes should use use my rpcbind
24 replacement (ftp.win.tue.nl:/pub/security/rpcbind_*.tar.Z).
25
26 This portmap version attempts to close all portmap security problems
27 that are known to me. The README file gives a complete list of
28 security features.
29
30 Without the availability of portmap source, possible alternatives are
31 1) packet filtering with a smart router (which we do anyway); 2)
32 linking the portmap executable against the securelib shared library.
33 Linking RPC daemons against the securelib library is a good idea,
34 anyway.
35
36 The source is available for anonymous FTP from ftp.win.tue.nl directory
37 /pub/security/portmap_*.tar.gz.
38
39 Wietse Venema (wietse@wzv.win.tue.nl)
40 Mathematics and Computing Science
41 Eindhoven University of Technology
42 The Netherlands

```

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from the author webpage at <http://oss.metaparadigm.com/json-c/>

JSON-C - A JSON implementation in C  
Latest release: [json-c-0.7.tar.gz](#)

JSON-C implements a reference counting object model that allows you to easily construct JSON objects in C, output them as JSON formatted strings and parse JSON formatted strings back into the C representation of JSON objects.

Minimal documentation exists here, Although you are probably better reading the example code in test1.c.

To setup JSON-C to build on your system please run configure before compiling. If you are on Win32 and are not using the VS project file, be sure to rename config.h.win32 to config.h before building.

Win32 specific notes can be found here.

Please send bug reports to [michael@metaparadigm.com](mailto:michael@metaparadigm.com)

Please send Win32 bug reports to [christopher.watford@gmail.com](mailto:christopher.watford@gmail.com)

Anonymous Subversion  
# svn co <http://svn.metaparadigm.com/svn/json-c/trunk> json-c

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**GUI yellow background and blue background spinners –**Source: <http://www.ajaxload.info/>

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*
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```

**Lsof –****Name : lsof**

Version : 4.71

Release : 2.0.0.0501961

Summary : A utility which lists open files on a Linux/UNIX system.

Description : Lsof stands for LiSt Open Files, and it does just that: it lists information about files that are open by the processes running on a UNIX system.

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#### Psmisc –

**Name** : psmisc

**Version** : 21.5

**Release** : 1.0.0.0501961

**Description** :

This package contains three little utilities that use the proc FS:

`fuser' identifies processes using files (similar to Sun's or SGI's fuser).

`killall' kills processes by name, e.g. killall -HUP named.

`pstree' shows the currently running processes as a tree

License: GPL Version 2, June 1991

#### HMAC –

/\*

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Issue Date: 24/01/2003

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\*/

**SHA1 –**

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/\*

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From rgmanager/AUTHORS:

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\* Resource tree

\* Failover domains

\* Resource agent scripts

Gregory Myrdal       [private]

- \* Misc utilities
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```

show_version(void)
{
 fprintf(stdout, "Connection tracking userspace daemon v%s. ", VERSION);
 fprintf(stdout, "Licensed under GPLv2.\n");
 fprintf(stdout, "(C) 2006-2009 Pablo Neira Ayuso ");
 fprintf(stdout, "<pablo@netfilter.org>\n");
}

```

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**dhcpcd 4.0.11 -**

/\*

\* dhcpcd - DHCP client daemon

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Especially significant contributions were made by John Ousterhout, Henry

Spencer, and Rob Savoye. See the HISTORY file for others.

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**lfs-bootscripts 20090812 -**

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**lfs-spawn patch 5.43.0-spawn-1 -**

Written by: Don Libes, libes at nist.gov, NIST

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```
/* libnfnetlink.c: generic library for communication with netfilter
 *
 * (C) 2002-2006 by Harald Welte <laforge@numonks.org>
 * (C) 2006 by Pablo Neira Ayuso <pablo@netfilter.org>
 *
 * Based on some original ideas from Jay Schulist <jschlst@samba.org>
 *
```

```
* Development of this code funded by Astaro AG (http://www.astaro.com)
*
* this software may be used and distributed according to the terms
* of the gnu general public license, incorporated herein by reference.
*
*/

/* iftable - table of network interfaces
*
* (C) 2004 by Astaro AG, written by Harald Welte <hwelte@astaro.com>
* (C) 2008 by Pablo Neira Ayuso <pablo@netfilter.org>
*
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*/
```

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```
printf("%s",png_get_copyright(NULL));
```

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**Linux Kernel 2.6.28.10 -**

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6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
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13. [14]Sven Dietrich <sven\_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
14. [15]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
15. [16]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
16. [17]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
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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> ntpswep
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
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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
- 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 <tmoore@fielvel.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
  - 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
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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
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  - 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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In some email I received from Harlan Stenn, sie wrote:  
 > Darren,

```
>
> I'm looking for an async resolver library that I can use with NTP.
>
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>
> so I thought I'd ask your permission to distribute your files if I can
> figure out how to make it all work with ntpd.
```

<http://coombs.anu.edu.au/~avalon/arlib.tar.gz>

a few bug fixes (inc. buffer overflow :) and stuff in there.

But otherwise, go for it.

Darren

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Email local part: ph10

Email domain: cam.ac.uk

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**tcpdump 4.1.1 -**

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#### **tftp-hpa 5.0 -**

This is tftp-hpa, a conglomerate of a number of versions of the BSD TFTP code, changed around to port to a whole collection of operating systems. The goal is to work on any reasonably modern Unix with sockets.

The tftp-hpa series is maintained by H. Peter Anvin <hpa@zytor.com>.

The latest version of this collection can be found at:

<ftp://ftp.kernel.org/pub/software/network/tftp/>

See the file CHANGES for a list of changes between versions.

Please see the INSTALL and INSTALL.tftp files for compilation and installation instructions.

====> IMPORTANT: IF YOU ARE UPGRADING FROM ANOTHER TFTP SERVER, OR FROM  
====> A VERSION OF TFTP-HPA OLDER THAN 0.17 SEE THE FILE  
====> "README.security" FOR IMPORTANT SECURITY MODEL CHANGES!

This software can be discussed on the SYSLINUX mailing list. To subscribe, go to the list subscription page at:

<http://www.zytor.com/mailman/listinfo/syslinux>

#### **TightVNC VncViewer Java Applet Version 1.3.10 -**

This distribution is based on the standard VNC source and includes new TightVNC-specific features and fixes, such as additional low-bandwidth optimizations, major GUI improvements, and more.

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### **zlib 1.2.3 -**

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|                  |                           |
|------------------|---------------------------|
| Jean-loup Gailly | Mark Adler                |
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