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*****

The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

- 1. [1]Mark Andrews <mark\_andrews@isc.org> Leitch atomic clock controller
- 2. [2]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
- 3. [3]Viraj Bais <vbais@mailman1.intel.com> and [4]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
- 4. [5]Michael Barone <michael,barone@lmco.com> GPSVME fixes
- 5. [6]Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca>IPv6 support
- 6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
- 7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
- 8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
- 9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
- 10. [11]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
- 11. [12]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
- 12. [13]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
- 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
- 17. [18]John Hay <jhay@@icomtek.csir.co.za> IPv6 support and testing
- 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]<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 <tmoore@fievel.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
- [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

# 1.2 expat v1.2

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# **1.3 catalyst-4k-srcgalaxymathh 1** 1.3.1 Available under license :

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# 1.4 tirpc 2.3

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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> 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

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(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.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

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lib/rpc/rpc\_callmsg.c

lib/rpc/rpc\_commondata.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 auth.des\_prot.c auth.h auth\_none.c auth\_unix.c auth\_unix.h auth\_unix.h auth\_unix.h auth\_unix.h auth\_unix.h auth\_unix.h clnt\_prot.c 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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* @(#)ftp.h 8.1 (Berkeley) 6/2/93
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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 \$
- \*/

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lib/gssapi/mechglue/g\_rel\_oid\_set.c lib/gssapi/mechglue/g\_seal.c lib/gssapi/mechglue/g\_sign.c lib/gssapi/mechglue/g\_userok.c lib/gssapi/mechglue/g\_userok.c lib/gssapi/mechglue/g\_utils.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

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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### 1.9.1 Available under license :

/\* \$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
- \*

```
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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-arround 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\$ \*/ /\* 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

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[The history has been moved to the file ChangeLog.] */
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# 1.10 tftp-h 4.4BSD? via FreeBSD

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\* @(#)tftp.h 8.1 (Berkeley) 6/2/93

# 1.11 pcap-bpf-h 1.34

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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) \*/

# 1.12 minix 3

### 1.12.1 Available under license :

/\* \$NetBSD: statvfs.h,v 1.17 2011/11/18 21:17:45 christos Exp \$ \*/

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```

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* by Christos Zoulas.
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\* \$FreeBSD: src/lib/libc/net/inet\_network.c,v 1.6 1999/11/04 04:30:44 ache Exp \$ \*/

/\* \$NetBSD: scanf.c,v 1.12 2003/08/07 16:43:31 agc Exp \$ \*/

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# 1.13 Izw-compression 1.0

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/\* \$Id: compress\_lzw.c,v 3.3.62.2 1996/07/10 22:21:52 dstine Exp \$

\* \$Source: /release/112/cvs/Xsys/os/compress lzw.c,v \$ \*\_\_\_\_\_ \* compress\_lzw.c - generic compress/decompress routines \* September 1993, Stig Thormodsrud \* Copyright (c) 1993-2005, 2007-2012 by cisco Systems, Inc. \* All rights reserved. \* Portions of this module are based on public domain software and/or \* software copyright (c) 1990 by Network Computing Devices, Inc., and \* used with permission. \*\_\_\_\_\_ \* \$Log: compress\_lzw.c,v \$ \* Revision 3.3.62.2 1996/07/10 22:21:52 dstine \* CSCdi62471: Superfluous #include files in atalk, atm, os files \* Branch: California\_branch \* \* Revision 3.3.62.1 1996/03/18 21:29:18 gstovall \* Branch: California\_branch \* Elvis has left the building. He headed out to California, and took the \* port ready changes with him. \* Revision 3.3.26.2 1996/03/07 10:18:00 mdb \* Branch: DeadKingOnAThrone\_branch \* cisco and ANSI/POSIX libraries. \* Revision 3.3.26.1 1996/02/20 16:38:04 dstine \* Branch: DeadKingOnAThrone\_branch Sync from DeadKingOnAThrone\_baseline\_960122 to \* \* DeadKingOnAThrone\_baseline\_960213 \* Revision 3.3 1995/11/17 18:46:04 hampton \* Remove old entries from the RCS header logs. \* Revision 3.2 1995/11/17 00:17:23 gstovall \* Ladies and gentlemen, I introduce to you, the port ready commit. \* Revision 3.1 1995/11/09 12:44:48 shaker \* Bump version numbers from 2.x to 3.x. \* Revision 2.1 1995/06/07 21:54:12 hampton \* Bump version numbers from 1.x to 2.x. \* \$Endlog\$ \*/

# 1.14 endianh 1.0

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\* @(#)endian.h 7.9 (Berkeley) 6/19/92 \*/

# 1.15 netbsd-source-usr 1.0

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# 1.16 yajl 2.1.0

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## 1.28 softfloat Release 2b

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Written by John R. Hauser. This work was made possible in part by the International Computer Science Institute, located at Suite 600, 1947 Center Street, Berkeley, California 94704. Funding was partially provided by the National Science Foundation under grant MIP-9311980. The original version of this code was written as part of a project to build a fixed-point vector processor in collaboration with the University of California at Berkeley, overseen by Profs. Nelson Morgan and John Wawrzynek. More information is available through the Web page `http://www.cs.berkeley.edu/~jhauser/arithmetic/SoftFloat.html'.

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## 1.29 regex 3.8a

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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> Subject: sun rpc license

Hi -

# \*/

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(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\_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\_commondata.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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Wim Coekaerts Senior Vice President Linux and Virtualization Engineering Oracle Corporation

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* @(#)ipc.h 8.3 (Berkeley) 1/21/94
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# 1.35 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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## 1.36 tputs-c 4.4BSD? via NetBSD

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

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1033344937\_1590683254.87/0/locale-2-zip/locale-2.h

## 1.39 pservlet 0.3

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 $gcc/libstdc++\text{-}v3/src/ctype.cc\ (for\ libstdc++)$ 

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