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## Contents

### **1.1 Isov 4.89**

1.1.1 Available under license

### **1.2 sqlite 3.31.1**

1.2.1 Available under license

### **1.3 iw 4.1**

1.3.1 Available under license

### **1.4 hd-parm 9.48**

1.4.1 Available under license

### **1.5 groff 1.22.3**

1.5.1 Available under license

### **1.6 openssh 8.0-p1**

1.6.1 Available under license

### **1.7 at 3.1.16**

1.7.1 Available under license

### **1.8 libtasn 4.0**

1.8.1 Available under license

### **1.9 glibc 2.20**

1.9.1 Available under license

### **1.10 rpcbind 0.2.1**

1.10.1 Available under license

### **1.11 ncftp 3.2.5**

1.11.1 Available under license

### **1.12 openssl 1.0.2k**

1.12.1 Available under license

### **1.13 libtommath 0.42.0**

1.13.1 Available under license

- 1.14 tftp-hpa 0.28**
  - 1.14.1 Available under license
- 1.15 grub2 1.99**
  - 1.15.1 Available under license
- 1.16 glibc 2.22**
  - 1.16.1 Available under license
- 1.17 libnl3 3.2.25**
  - 1.17.1 Available under license
- 1.18 wireshark 1.10.1**
  - 1.18.1 Available under license
- 1.19 bzip2 1.0.6-13.el7**
  - 1.19.1 Available under license
- 1.20 kmod 21**
  - 1.20.1 Available under license
- 1.21 sysklogd 1.5.1**
  - 1.21.1 Available under license
- 1.22 inetutils 1.9.4**
  - 1.22.1 Available under license
- 1.23 libxml 0.19.4**
  - 1.23.1 Available under license
- 1.24 pam 1.1.6**
  - 1.24.1 Available under license
- 1.25 net-snmp 5.1.1**
  - 1.25.1 Available under license
- 1.26 tftp-hpa 0.28**
  - 1.26.1 Available under license
- 1.27 gawk 4.1.3**
  - 1.27.1 Available under license
- 1.28 tar 1.28**
  - 1.28.1 Available under license
- 1.29 dhcp 4.3.2**
  - 1.29.1 Available under license
- 1.30 openssh 6.2p2**
  - 1.30.1 Available under license
- 1.31 libxml 2.9.2**
  - 1.31.1 Available under license
- 1.32 wget 1.16.3**
  - 1.32.1 Available under license
- 1.33 python 2.7.8**

- 1.33.1 Available under license
- 1.34 berkeley-db 6.0.30**
  - 1.34.1 Available under license
- 1.35 netkit-tftp 1.9.4**
  - 1.35.1 Available under license
- 1.36 nettle 2.7.1**
  - 1.36.1 Available under license
- 1.37 python 2.7.9**
  - 1.37.1 Available under license
- 1.38 e2fsprogs 1.42.9**
  - 1.38.1 Available under license
- 1.39 diffutils 3.3**
  - 1.39.1 Available under license
- 1.40 util-linux 2.26.0**
  - 1.40.1 Available under license
- 1.41 libtomcrypt 1.17**
  - 1.41.1 Available under license
- 1.42 pinentry 0.9.2**
  - 1.42.1 Available under license
- 1.43 dc 1.06**
  - 1.43.1 Available under license
- 1.44 openssl 1.1.0j**
  - 1.44.1 Available under license
- 1.45 python 2.7.3**
  - 1.45.1 Available under license
- 1.46 libunistring 0.9.3**
  - 1.46.1 Available under license
- 1.47 parted 3.2**
  - 1.47.1 Available under license
- 1.48 hostapd 2.4**
  - 1.48.1 Available under license
- 1.49 csrp 1.0**
  - 1.49.1 Available under license
- 1.50 mpdecimal 2.4.2**
  - 1.50.1 Available under license
- 1.51 openssl 1.0.2d**
  - 1.51.1 Available under license
- 1.52 tcp-wrappers 7.6**
  - 1.52.1 Available under license

### **1.53 libassuan 2.2.1**

1.53.1 Available under license

### **1.54 zlib 1.1.4**

1.54.1 Available under license

### **1.55 net-tools 1.60**

1.55.1 Available under license

### **1.56 ftpd 1.9.4**

1.56.1 Available under license

### **1.57 tcl 8.6.1**

1.57.1 Available under license

### **1.58 binutils 2.25.51**

1.58.1 Available under license

### **1.59 xinetd 2.3.15**

1.59.1 Available under license

### **1.60 readline 6.3**

1.60.1 Available under license

### **1.61 bzip2 1.0.5**

1.61.1 Available under license

### **1.62 apache-log4j 1.2.17**

1.62.1 Available under license

### **1.63 bind 9.10.2**

1.63.1 Available under license

### **1.64 libpcap 1.4.0**

1.64.1 Available under license

### **1.65 libgpg-error 1.19**

1.65.1 Available under license

### **1.66 ethtool 4.0**

1.66.1 Available under license

### **1.67 grep 2.21**

1.67.1 Available under license

### **1.68 flexnet-publisher 10.1**

1.68.1 Available under license

### **1.69 thttpd 2.25b**

1.69.1 Available under license

### **1.70 grub 0.97**

1.70.1 Available under license

### **1.71 libcap-ng 0.6.6**

1.71.1 Available under license

### **1.72 python 3.7.3**

- 1.72.1 Available under license
- 1.73 psmisc 22.21**
  - 1.73.1 Available under license
- 1.74 json-c 0.9**
  - 1.74.1 Available under license
- 1.75 expat 2.2.6**
  - 1.75.1 Available under license
- 1.76 libxml 2.9.4**
  - 1.76.1 Available under license
- 1.77 log-rotate 3.9.1**
  - 1.77.1 Available under license
- 1.78 m4 1.4.17**
  - 1.78.1 Available under license
- 1.79 findutils 4.5.14**
  - 1.79.1 Available under license
- 1.80 hd-parm 9.43**
  - 1.80.1 Available under license
- 1.81 zip 3.0**
  - 1.81.1 Available under license
- 1.82 glibc 2.8**
  - 1.82.1 Available under license
- 1.83 lapack 3.5.0 2ubuntu1**
  - 1.83.1 Available under license
- 1.84 strace 4.5**
  - 1.84.1 Available under license
- 1.85 iptables 1.14.21**
  - 1.85.1 Available under license
- 1.86 popt 1.16**
  - 1.86.1 Available under license
- 1.87 libnfsidmap 0.25**
  - 1.87.1 Available under license
- 1.88 ftpd 1.9.2**
  - 1.88.1 Available under license
- 1.89 pcre 8.37**
  - 1.89.1 Available under license
- 1.90 nginx 1.7.10**
  - 1.90.1 Available under license
- 1.91 cpio 2.11**
  - 1.91.1 Available under license

## **1.92 setserial 2.17**

1.92.1 Available under license

## **1.93 netbsd-resolv 2.22**

1.93.1 Available under license

## **1.94 xerces-j 2.7.1**

1.94.1 Available under license

## **1.95 zlib 1.2.7**

1.95.1 Available under license

## **1.96 d-bus 1.8.2**

1.96.1 Available under license

## **1.97 e2fsprogs 1.27**

1.97.1 Available under license

## **1.98 less 479**

1.98.1 Available under license

## **1.99 bash 4.2.10**

1.99.1 Available under license

## **1.100 attr 2.4.47**

1.100.1 Available under license

## **1.101 elfutils 0.148**

1.101.1 Available under license

## **1.102 libcap 1.10-1**

1.102.1 Available under license

## **1.103 perl 5.14.2**

1.103.1 Available under license

## **1.104 libffi 3.1**

1.104.1 Available under license

## **1.105 sysv-init 2.88**

1.105.1 Available under license

## **1.106 u-boot 1.0.1**

1.106.1 Available under license

## **1.107 libnuma 2.0.9-r0**

1.107.1 Available under license

## **1.108 ipsec-tools 0.8.2**

1.108.1 Available under license

## **1.109 openssl 1.0.2w**

1.109.1 Available under license

## **1.110 xinetd 2.3.3**

1.110.1 Available under license

## **1.111 activation 1.1**

1.111.1 Available under license  
**1.112 sysklogd 1.5.0**  
1.112.1 Available under license  
**1.113 nfs-utils 1.3.1**  
1.113.1 Available under license  
**1.114 mail 1.4**  
1.114.1 Available under license  
**1.115 tcp-dump 4.7.4**  
1.115.1 Available under license  
**1.116 icu 55**  
1.116.1 Available under license  
**1.117 dosfs-tools 3.0.28**  
1.117.1 Available under license  
**1.118 nettle 3.1.1**  
1.118.1 Available under license  
**1.119 libcroco 0.6.8**  
1.119.1 Available under license  
**1.120 iconv 2.22**  
1.120.1 Available under license  
**1.121 i2c-tools 3.1**  
1.121.1 Available under license  
**1.122 file 5.24**  
1.122.1 Available under license  
**1.123 libnss-mdns 0.10**  
**1.124 iputils s20121221**  
1.124.1 Available under license  
**1.125 unzip 3.00**  
1.125.1 Available under license  
**1.126 ntp 4.2.6p2**  
1.126.1 Available under license  
**1.127 cracklib 2.9.0**  
1.127.1 Available under license  
**1.128 ed 1.9**  
1.128.1 Available under license  
**1.129 pkix-ssh 12.1**  
1.129.1 Available under license  
**1.130 gnupg 2.1.7**  
1.130.1 Available under license  
**1.131 libgcrypt 1.6.3**



1.131.1 Available under license

**1.132 libuser 0.62**

1.132.1 Available under license

**1.133 cpio 2.12**

1.133.1 Available under license

**1.134 libedit 20130712-3.1**

1.134.1 Available under license

**1.135 commons-codec 1.9**

1.135.1 Available under license

**1.136 openssl 1.0.2o**

1.136.1 Available under license

**1.137 gdbm 1.8.3**

1.137.1 Available under license

**1.138 selinux 3.0**

1.138.1 Available under license

**1.139 gettext 0.19.4**

1.139.1 Available under license

**1.140 curl 7.74.0**

1.140.1 Available under license

**1.141 python 2.7.2**

1.141.1 Available under license

**1.142 libksba 1.3.3**

1.142.1 Available under license

**1.143 free-type 2.5.3**

1.143.1 Available under license

**1.144 libevent 2.0.22**

1.144.1 Available under license

**1.145 expat 2.1.0**

1.145.1 Available under license

**1.146 time 1.7**

1.146.1 Available under license

**1.147 selinux 3.0**

1.147.1 Available under license

**1.148 gdb 7.10.1**

1.148.1 Available under license

**1.149 libpcap 1.6.2**

1.149.1 Available under license

**1.150 sqlite 3.8.10.2**

**1.151 xz 5.2.1**

1.151.1 Available under license  
**1.152 acl 2.2.52**  
1.152.1 Available under license  
**1.153 libtirpc 0.2.5**  
1.153.1 Available under license  
**1.154 procps 3.3.15**  
1.154.1 Available under license  
**1.155 autogen 4.2.6p2**  
1.155.1 Available under license  
**1.156 procps 3.3.10**  
1.156.1 Available under license  
**1.157 bash 4.3.43**  
1.157.1 Available under license  
**1.158 xz 5.2.2-1.el7**  
1.158.1 Available under license  
**1.159 curl 7.37.1**  
1.159.1 Available under license  
**1.160 bzip2 1.0.6**  
1.160.1 Available under license  
**1.161 flex 2.5.39**  
1.161.1 Available under license  
**1.162 jcommon 0.7.2**  
1.162.1 Available under license  
**1.163 gnutls 3.3.17.1**  
1.163.1 Available under license  
**1.164 sudo 1.8.14**  
1.164.1 Available under license  
**1.165 curl 7.63.0**  
1.165.1 Available under license  
**1.166 libusb 1.0.19**  
1.166.1 Available under license  
**1.167 ncftp 3.2.2**  
1.167.1 Available under license  
**1.168 audit 3.12.gf885037**  
1.168.1 Available under license  
**1.169 elfutils 0.163**  
1.169.1 Available under license  
**1.170 libdevmapper 2.2.02.125**  
1.170.1 Available under license

- 1.171 e2fsprogs 1.43**
  - 1.171.1 Available under license
- 1.172 gmp 6.0.0**
  - 1.172.1 Available under license
- 1.173 perl 5.22.0**
  - 1.173.1 Available under license
- 1.174 busybox 1.19.4**
  - 1.174.1 Available under license
- 1.175 iproute 3.16.0**
  - 1.175.1 Available under license
- 1.176 nanopb 0.12**
  - 1.176.1 Available under license
- 1.177 jsch 0.1.53**
  - 1.177.1 Available under license
- 1.178 unimrcp 1.10.1**
  - 1.178.1 Available under license
- 1.179 wireshark 1.10.14**
  - 1.179.1 Available under license
- 1.180 gzip 1.6**
  - 1.180.1 Available under license
- 1.181 kexec-tools 2.0.2**
  - 1.181.1 Available under license
- 1.182 grpc 1.0.0**
  - 1.182.1 Available under license
- 1.183 fdisk 2.26.0**
  - 1.183.1 Available under license
- 1.184 vim 7.4.481**
  - 1.184.1 Available under license
- 1.185 tdb 1.42.9**
  - 1.185.1 Available under license
- 1.186 linux-kernel 4.1.21**
  - 1.186.1 Available under license
- 1.187 libtecla 1.4.1**
  - 1.187.1 Available under license
- 1.188 net-snmp 5.1**
  - 1.188.1 Available under license
- 1.189 freeipmi 1.10.1**
  - 1.189.1 Available under license
- 1.190 inotify-tools 3.14**

- 1.190.1 Available under license
- 1.191 openssh 6.2**
  - 1.191.1 Available under license
- 1.192 bc 1.06**
  - 1.192.1 Available under license
- 1.193 mtd-utils 1.5.1**
  - 1.193.1 Available under license
- 1.194 busybox 1.23.2**
  - 1.194.1 Available under license
- 1.195 libtasn 4.0**
  - 1.195.1 Available under license
- 1.196 sqlite 3.18.0**
  - 1.196.1 Available under license
- 1.197 lzo 2.06-8.el.7**
  - 1.197.1 Available under license
- 1.198 blas 1.2.20110419-7**
  - 1.198.1 Available under license
- 1.199 tcl 8.4.6**
  - 1.199.1 Available under license
- 1.200 util-linux 2.26.2**
  - 1.200.1 Available under license
- 1.201 lvm2 2.02.125**
  - 1.201.1 Available under license
- 1.202 boringssl 0.12.0.0**
  - 1.202.1 Notifications
  - 1.202.2 Available under license
- 1.203 slang 2.2.4**
  - 1.203.1 Available under license
- 1.204 libdaemon 0.14**
  - 1.204.1 Available under license
- 1.205 libproxy 0.4.11**
  - 1.205.1 Available under license
- 1.206 pciutils 3.3.1**
  - 1.206.1 Available under license
- 1.207 recode 3.6**
  - 1.207.1 Available under license
- 1.208 lsof 4.89**
  - 1.208.1 Available under license
- 1.209 zlib 1.2.8**

1.209.1 Available under license  
**1.210 datatype 1.3.02**  
1.210.1 Available under license  
**1.211 gawk 4.0.0**  
1.211.1 Available under license  
**1.212 bash 3.2.33**  
1.212.1 Available under license  
**1.213 mdadm 3.3.1**  
1.213.1 Available under license  
**1.214 tcl 8.5.0**  
1.214.1 Available under license  
**1.215 racoon 0.8.2**  
1.215.1 Available under license  
**1.216 openssl 1.0.1p**  
1.216.1 Notifications  
1.216.2 Available under license  
**1.217 lzo 2-2.08-r0**  
1.217.1 Available under license  
**1.218 strace 4.10**  
1.218.1 Available under license  
**1.219 d-bus 1.8.20**  
1.219.1 Available under license  
**1.220 sed 4.2.2**  
1.220.1 Available under license  
**1.221 usbutils 007**  
1.221.1 Available under license  
**1.222 lrzsz 0.12.20**  
1.222.1 Available under license  
**1.223 shadow 4.2.1**  
1.223.1 Available under license  
**1.224 ncurses 5.9**  
1.224.1 Available under license  
**1.225 tcl 8.5.7**  
1.225.1 Available under license  
**1.226 protobuf 3.0.0**  
1.226.1 Available under license  
**1.227 libaio 0.3.109**  
1.227.1 Available under license  
**1.228 gnutls 3.3.5**

- 1.228.1 Available under license
- 1.229 cronie 1.5.0**
  - 1.229.1 Available under license
- 1.230 binutils 2.25.1**
  - 1.230.1 Available under license
- 1.231 sed 4.1.5**
  - 1.231.1 Available under license
- 1.232 coreutils 8.24**
  - 1.232.1 Available under license
- 1.233 keypoint-pngencoder 0.7.2**
  - 1.233.1 Available under license
- 1.234 openssh 7.1p1**
  - 1.234.1 Available under license
- 1.235 glib 2.0**
  - 1.235.1 Available under license
- 1.236 open-ldap 2.4.46**
  - 1.236.1 Available under license
- 1.237 tcl 8.6.4**
  - 1.237.1 Available under license
- 1.238 augeas 1.4.0**
  - 1.238.1 Available under license

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. The file `src/libs/snprintf/snprintf.c', written by Mark Martinec <[mark.martinec@ijs.si](mailto:mark.martinec@ijs.si)>.

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<http://ftp.cs.wisc.edu/pub/misc/grn.tar.Z> .

```
src/preproc/grn/gprint.h
src/preproc/grn/hdb.cpp
src/preproc/grn/hgraph.cpp
src/preproc/grn/hpoint.cpp
src/preproc/grn/main.cpp
```

. The `gxditview' output device. It is based on X11's `xditview' program and thus has the X license.

```
src/devices/xditview/DESC.in
src/devices/xditview/Dvi.c
src/devices/xditview/Dvi.h
src/devices/xditview/DviP.h
src/devices/xditview/FontMap
src/devices/xditview/GXditview.ad
src/devices/xditview/Menu.h
src/devices/xditview/ad2c
src/devices/xditview/device.c
src/devices/xditview/device.h
src/devices/xditview/draw.c
src/devices/xditview/font.c
src/devices/xditview/gray1.bm
src/devices/xditview/gray2.bm
src/devices/xditview/gray3.bm
src/devices/xditview/gray4.bm
src/devices/xditview/gray5.bm
src/devices/xditview/gray6.bm
src/devices/xditview/gray7.bm
src/devices/xditview/gray8.bm
src/devices/xditview/gxditview.man
src/devices/xditview/lex.c
src/devices/xditview/page.c
src/devices/xditview/parse.c
src/devices/xditview/xdit.bm
src/devices/xditview/xdit_mask.bm
src/devices/xditview/xditview.c

src/include/DviChar.h
src/include/XFontName.h
```

src/libs/libxutil/DviChar.c  
src/libs/libxutil/XFontName.c

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- . The -mdoc macro set, using the BSD license.

tmac/doc.tmac  
tmac/doc-old.tmac  
tmac/doc-common  
tmac/doc-ditroff  
tmac/doc-nroff  
tmac/doc-syms  
tmac/groff\_mdoc.man

- . The -me macro set, using the BSD license.

tmac/e.tmac  
tmac/groff\_me.man  
doc/meintro.me  
doc/meintro\_fr.me  
doc/meref.me

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- . The file `tmac/hyphen.us' is identical to the file `hyphen.tex', part of the TeX system written by Donald E. Knuth; the master file can be found at

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- . The file `tmac/hyphen.fr' contains the same patterns as the file `frhyph.tex' (for TeX), which can be found at

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. The files `tmac/hyphen.det' and `tmac/hyphen.den' contain the same patterns as the files `dehyphn.tex' and `dehypht.tex' (for TeX), which can be found at

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## 1.6 openssh 8.0-p1

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[The licence continues]

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\* @version 3.0 (December 2000)

\*

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

\*

\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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@c Local Variables:

@c ispell-local-pdict: "ispell-dict"

@c End:

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Version 2.1, February 1999

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## 1.9 glibc 2.20

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@item

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structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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@item

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@item

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version that the work was made with.

@item

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@item

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@item

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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Version 2, June 1991

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify  
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the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.
```

```
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MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
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```

```
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along with this program; if not, write to the Free Software  
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```

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```
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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.
```

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Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'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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The End

# 1.13 libtommath 0.42.0

## 1.13.1 Available under license :

LibTomMath is hereby released into the Public Domain.

-- Tom St Denis

# 1.14 tftp-hpa 0.28

## 1.14.1 Available under license :

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* http://www.openbsd.org/.
*
* ----- */
```

Found in path(s):

```
* /opt/cola/permits/1117123104_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/misc.c
* /opt/cola/permits/1117123104_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/remap.c
* /opt/cola/permits/1117123104_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/remap.h
```

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```
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* http://www.openbsd.org/.
*
* ----- */
```

Found in path(s):

```
* /opt/cola/permits/1117123104_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.h
```

No license file was found, but licenses were detected in source scan.

```
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* ----- */
```

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\* <http://www.openbsd.org/>.  
\*  
\* ----- \*/

Found in path(s):

\* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.h  
\* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.c  
No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/MCONFIG.in  
No license file was found, but licenses were detected in source scan.

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: @@VERSION@@

Release: 1

License: BSD

Group: Applications/Internet

Source0: <http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz>

BuildRequires: tcp\_wrappers-devel

BuildRoot: %{\_tmppath}/%{name}-root

%description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server

Group: System Environment/Daemons

Summary: The server for the Trivial File Transfer Protocol (TFTP).

Requires: xinetd

%description server

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

```

%prep
%setup -q -n tftp-hpa-%{version}

%build

%configure
make %{?_smp_mflags}

%install
rm -rf ${RPM_BUILD_ROOT}
mkdir -p ${RPM_BUILD_ROOT}%{_bindir}
mkdir -p ${RPM_BUILD_ROOT}%{_mandir}/man{1,8}
mkdir -p ${RPM_BUILD_ROOT}%{_sbindir}

make INSTALLROOT=${RPM_BUILD_ROOT} \
  SBINDIR=%{_sbindir} MANDIR=%{_mandir} \
  install
install -m755 -d ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/ ${RPM_BUILD_ROOT}/tftpboot
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/tftp

%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server
if [ $1 = 0 ]; then
  /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

```

- \* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>  
- rebuilt
- \* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>  
- rebuilt
- \* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>  
- 0.33  
- Add /tftpboot directory (#88204)
- \* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>  
- rebuilt
- \* Sun Feb 23 2003 Tim Powers <timp@redhat.com>  
- add BuildPreReq on tcp\_wrappers
- \* Wed Jan 22 2003 Tim Powers <timp@redhat.com>  
- rebuilt
- \* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1  
- Update to 0.32
- \* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1  
- Fix #55789  
- Update to 0.30
- \* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>  
- Try applying HJ's patch from #65476
- \* Fri Jun 21 2002 Tim Powers <timp@redhat.com>  
- automated rebuild
- \* Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>  
- Update to 0.29
- \* Thu May 23 2002 Tim Powers <timp@redhat.com>  
- automated rebuild
- \* Wed Jan 09 2002 Tim Powers <timp@redhat.com>  
- automated rebuild
- \* Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15  
- Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562  
- Update to tftp-hpa-0.28 (bug #56131)  
- Remove include/arpa/tftp.h to fix #57259  
- Add resource limits in tftp-xinetd (#56722)
- \* Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>

- Bump release + rebuild.
  
- \* Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
  - updated tftp-hpa source to tftp-hpa-0.17
  - tweaked specfile with different defines for tftp-netkit and tftp-hpa version
  - use hpa's tftpd.8 man page instead of the netkits one
  
- \* Mon May 07 2001 Helge Deller <hdeller@redhat.de>
  - rebuilt in 7.1.x
  
- \* Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
  - fix tftp client's put problems (#29529)
  - update to tftp-hpa-0.16
  
- \* Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
  - don't let configure to guess compiler, it can pick up egcs
  
- \* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
  - changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
  - fixed hpa-tftpd to handle files greater than 32MB (#23725)
  - added "-l" flag to hpa-tftpd for file-logging (#26467)
  - added description for "-l" to the man-page
  
- \* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
  - updated tftp client to 0.17 stable (#19640),
  - drop dependency on xinetd for tftp client (#25051),
  
- \* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
  - xinetd shouldn't wait on tftp (which forks) (#23923).
  
- \* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
  - fix to permit tftp put's (#18128).
  - startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
  - %%post is needed by server, not client. Add %%postun for erasure as well.
  
- \* Wed Aug 23 2000 Nalin Dahyabhai <nalin@redhat.com>
  - default to being disabled
  
- \* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
  - correct group.
  
- \* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
  - change user from root to nobody
  
- \* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
  - update to tftp-hpa-0.14 (#14003).
  - add server\_args (#14003).



- remove -D\_BSD\_SOURCE (#14003).
  
- \* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
  - cook up an xinetd config file for tftpd
  
- \* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
  - automatic rebuild
  
- \* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
  - FHS packaging.
  - update to 0.17.
  
- \* Fri May 5 2000 Matt Wilson <msw@redhat.com>
  - use \_BSD\_SOURCE for hpa's tftpd so we get BSD signal semantics.
  
- \* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
  - fix description
  
- \* Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
  - compress man pages (again).
  
- \* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
  - man pages are compressed
  - fix description and summary
  
- \* Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>
  - split client and server
  
- \* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
  - update to 0.16.
  
- \* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
  - update to 0.15.
  
- \* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>
  - tftpd should truncate file when overwriting (#412)
  
- \* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
  - auto rebuild in the new build environment (release 22)
  
- \* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>
  - compile for 6.0.
  
- \* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>
  - build root
  
- \* Mon Apr 27 1998 Prospector System <bugs@redhat.com>
  - translations modified for de, fr, tr

\* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>

- added check for getpwnam() failure

\* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>

- initial build

Found in path(s):

\* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp.spec.in

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\*/

Found in path(s):

\* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp/extern.h

\* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/common/tftpsubs.h

No license file was found, but licenses were detected in source scan.

```
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.\"
.\"----- */
```

Found in path(s):

\* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.8.in

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- \*/

Found in path(s):

- \* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/common/tftpsubs.c
- \* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp/main.c
- \* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp/tftp.c

No license file was found, but licenses were detected in source scan.

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: 5.2

Release: 1

License: BSD

Group: Applications/Internet

Source0: <http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz>

BuildRequires: tcp\_wrappers-devel

BuildRoot: %{\_tmppath}/%{name}-root

%description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server

Group: System Environment/Daemons

Summary: The server for the Trivial File Transfer Protocol (TFTP).

Requires: xinetd

%description server

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep

%setup -q -n tftp-hpa-% { version }

%build

%configure

make % { ?\_smp\_mflags }

%install

rm -rf \${RPM\_BUILD\_ROOT}

mkdir -p \${RPM\_BUILD\_ROOT}% {\_bindir}

mkdir -p \${RPM\_BUILD\_ROOT}% {\_mandir}/man{1,8}

mkdir -p \${RPM\_BUILD\_ROOT}% {\_sbindir}

make INSTALLROOT=\${RPM\_BUILD\_ROOT} \

SBINDIR=% {\_sbindir} MANDIR=% {\_mandir} \

install

install -m755 -d \${RPM\_BUILD\_ROOT}% {\_sysconfdir}/xinetd.d/ \${RPM\_BUILD\_ROOT}/tftpboot

install -m644 tftp-xinetd \${RPM\_BUILD\_ROOT}% {\_sysconfdir}/xinetd.d/tftp

%post server

/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server

if [ \$1 = 0 ]; then

/sbin/service xinetd reload > /dev/null 2>&1 || :

fi

%clean

rm -rf \${RPM\_BUILD\_ROOT}

%files

%defattr(-,root,root)

% {\_bindir}/tftp

% {\_mandir}/man1/\*

```
%files server
%defattr(-,root,root)
%config(noreplace) % {_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
% {_sbindir}/in.tftpd
% {_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
- 0.33
- Add /tftpboot directory (#88204)

* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
- add BuildPreReq on tcp_wrappers

* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
- rebuilt

* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
- Update to 0.32

* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
- Fix #55789
- Update to 0.30

* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
- Try applying HJ's patch from #65476

* Fri Jun 21 2002 Tim Powers <timp@redhat.com>
- automated rebuild

* Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
- Update to 0.29

* Thu May 23 2002 Tim Powers <timp@redhat.com>
```

- automated rebuild
  
- \* Wed Jan 09 2002 Tim Powers <timp@redhat.com>
- automated rebuild
  
- \* Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
- Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
- Update to tftp-hpa-0.28 (bug #56131)
- Remove include/arpa/tftp.h to fix #57259
- Add resource limits in tftp-xinetd (#56722)
  
- \* Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
- Bump release + rebuild.
  
- \* Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
- updated tftp-hpa source to tftp-hpa-0.17
- tweaked specfile with different defines for tftp-netkit and tftp-hpa version
- use hpa's tftpd.8 man page instead of the netkits one
  
- \* Mon May 07 2001 Helge Deller <hdeller@redhat.de>
- rebuilt in 7.1.x
  
- \* Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
- fix tftp client's put problems (#29529)
- update to tftp-hpa-0.16
  
- \* Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
- don't let configure to guess compiler, it can pick up egcs
  
- \* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
- fixed hpa-tftpd to handle files greater than 32MB (#23725)
- added "-l" flag to hpa-tftpd for file-logging (#26467)
- added description for "-l" to the man-page
  
- \* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- updated tftp client to 0.17 stable (#19640),
- drop dependency on xinetd for tftp client (#25051),
  
- \* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
- xinetd shouldn't wait on tftp (which forks) (#23923).
  
- \* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
- fix to permit tftp put's (#18128).
- startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
- %%post is needed by server, not client. Add %%postun for erasure as well.

- \* Wed Aug 23 2000 Nalin Dahyabhai <nalin@redhat.com>
  - default to being disabled
- \* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
  - correct group.
- \* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
  - change user from root to nobody
- \* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
  - update to tftp-hpa-0.14 (#14003).
  - add server\_args (#14003).
  - remove -D\_BSD\_SOURCE (#14003).
- \* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
  - cook up an xinetd config file for tftpd
- \* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
  - automatic rebuild
- \* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
  - FHS packaging.
  - update to 0.17.
- \* Fri May 5 2000 Matt Wilson <msw@redhat.com>
  - use \_BSD\_SOURCE for hpa's tftpd so we get BSD signal semantics.
- \* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
  - fix description
- \* Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
  - compress man pages (again).
- \* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
  - man pages are compressed
  - fix description and summary
- \* Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>
  - split client and server
- \* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
  - update to 0.16.
- \* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
  - update to 0.15.
- \* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>
  - tftpd should truncate file when overwriting (#412)



\* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>

- auto rebuild in the new build environment (release 22)

\* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>

- compile for 6.0.

\* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>

- build root

\* Mon Apr 27 1998 Prospector System <bugs@redhat.com>

- translations modified for de, fr, tr

\* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>

- added check for getpwnam() failure

\* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>

- initial build

Found in path(s):

\* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp.spec

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```
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```

```
/*
```

```
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```

```
/*
```

```
/* This program is free software available under the same license
```

```
/* as the "OpenBSD" operating system, distributed at
```

```
/* http://www.openbsd.org/.
```

```
/*
```

```
/* ----- */
```

Found in path(s):

\* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/config.h

No license file was found, but licenses were detected in source scan.

```
.\" -*- nroff -*- ----- *
```

```
.\"
```

```
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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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.\"
.\"----- */

```

Found in path(s):

```
* /opt/cola/permits/1117123104_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp/tftp.1.in
```

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```
/*
```

```

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Found in path(s):

\* /opt/cola/permits/1117123104\_1611167805.54/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.c

## 1.15 grub2 1.99

### 1.15.1 Available under license :

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Version 3, 29 June 2007

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## 1.18 wireshark 1.10.1

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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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```

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

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```
/* <filename>.c
```

```
*
```

```
* $Id: gpl-template.txt 43536 2012-06-28 22:56:06Z darkjames $
```

```
*
```

```
* Wireshark - Network traffic analyzer
```

```
* By Gerald Combs <gerald@wireshark.org>
```

```
* Copyright 1998 Gerald Combs
```

```
*
```

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```

```
*/
```

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```
$Id: COPYING-CMAKE-SCRIPTS 34248 2010-09-25 15:38:12Z jmayer $
```

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## 1.19 bzip2 1.0.6-13.el7

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## 1.21 sysklogd 1.5.1

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Found in path(s):

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp/main.c

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/common/tftpsubs.c

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp/tftp.c

No license file was found, but licenses were detected in source scan.

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: 5.2

Release: 1

License: BSD

Group: Applications/Internet

Source0: <http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz>

BuildRequires: tcp\_wrappers-devel

BuildRoot: %{\_tmppath}/%{name}-root

%description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server

Group: System Environment/Daemons

Summary: The server for the Trivial File Transfer Protocol (TFTP).

Requires: xinetd

%description server

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep

%setup -q -n tftp-hpa-%{version}

%build

%configure

make %{?\_smp\_mflags}

%install

rm -rf \${RPM\_BUILD\_ROOT}

mkdir -p \${RPM\_BUILD\_ROOT}%{\_bindir}

mkdir -p \${RPM\_BUILD\_ROOT}%{\_mandir}/man{1,8}

mkdir -p \${RPM\_BUILD\_ROOT}%{\_sbindir}

make INSTALLROOT=\${RPM\_BUILD\_ROOT} \

SBINDIR=%{\_sbindir} MANDIR=%{\_mandir} \

install

install -m755 -d \${RPM\_BUILD\_ROOT}%{\_sysconfdir}/xinetd.d/ \${RPM\_BUILD\_ROOT}/tftpboot

install -m644 tftp-xinetd \${RPM\_BUILD\_ROOT}%{\_sysconfdir}/xinetd.d/tftp

%post server

/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server

```

if [ $1 = 0 ]; then
    /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
- 0.33
- Add /tftpboot directory (#88204)

* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
- add BuildPreReq on tcp_wrappers

* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
- rebuilt

* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
- Update to 0.32

* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
- Fix #55789

```

- Update to 0.30
  
- \* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
- Try applying HJ's patch from #65476
  
- \* Fri Jun 21 2002 Tim Powers <timp@redhat.com>
- automated rebuild
  
- \* Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
- Update to 0.29
  
- \* Thu May 23 2002 Tim Powers <timp@redhat.com>
- automated rebuild
  
- \* Wed Jan 09 2002 Tim Powers <timp@redhat.com>
- automated rebuild
  
- \* Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
- Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
- Update to tftp-hpa-0.28 (bug #56131)
- Remove include/arpa/tftp.h to fix #57259
- Add resource limits in tftp-xinetd (#56722)
  
- \* Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
- Bump release + rebuild.
  
- \* Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
- updated tftp-hpa source to tftp-hpa-0.17
- tweaked specfile with different defines for tftp-netkit and tftp-hpa version
- use hpa's tftpd.8 man page instead of the netkits one
  
- \* Mon May 07 2001 Helge Deller <hdeller@redhat.de>
- rebuilt in 7.1.x
  
- \* Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
- fix tftp client's put problems (#29529)
- update to tftp-hpa-0.16
  
- \* Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
- don't let configure to guess compiler, it can pick up egcs
  
- \* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
- fixed hpa-tftpd to handle files greater than 32MB (#23725)
- added "-l" flag to hpa-tftpd for file-logging (#26467)
- added description for "-l" to the man-page
  
- \* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>



- updated tftp client to 0.17 stable (#19640),
- drop dependency on xinetd for tftp client (#25051),
  
- \* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
- xinetd shouldn't wait on tftp (which forks) (#23923).
  
- \* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
- fix to permit tftp put's (#18128).
- startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
- %%post is needed by server, not client. Add %%postun for erasure as well.
  
- \* Wed Aug 23 2000 Nalin Dahyabhai <nalin@redhat.com>
- default to being disabled
  
- \* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
- correct group.
  
- \* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
- change user from root to nobody
  
- \* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
- update to tftp-hpa-0.14 (#14003).
- add server\_args (#14003).
- remove -D\_BSD\_SOURCE (#14003).
  
- \* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
- cook up an xinetd config file for tftpd
  
- \* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
- automatic rebuild
  
- \* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
- FHS packaging.
- update to 0.17.
  
- \* Fri May 5 2000 Matt Wilson <msw@redhat.com>
- use \_BSD\_SOURCE for hpa's tftpd so we get BSD signal semantics.
  
- \* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
- fix description
  
- \* Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
- compress man pages (again).
  
- \* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
- man pages are compressed
- fix description and summary

- \* Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>  
- split client and server
- \* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>  
- update to 0.16.
- \* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>  
- update to 0.15.
- \* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>  
- tftpd should truncate file when overwriting (#412)
- \* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>  
- auto rebuild in the new build environment (release 22)
- \* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>  
- compile for 6.0.
- \* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>  
- build root
- \* Mon Apr 27 1998 Prospector System <bugs@redhat.com>  
- translations modified for de, fr, tr
- \* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>  
- added check for getpwnam() failure
- \* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>  
- initial build

Found in path(s):

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp.spec

No license file was found, but licenses were detected in source scan.

```

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```

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.\" SUCH DAMAGE.
.\"
.\"----- */

```

Found in path(s):

```

* /opt/cola/permits/1084961554_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp/tftp.1.in
No license file was found, but licenses were detected in source scan.

```

```

/* ----- *
*
* Copyright 2001 H. Peter Anvin - All Rights Reserved
*
* This program is free software available under the same license
* as the "OpenBSD" operating system, distributed at
* http://www.openbsd.org/.
*
* ----- */

```

Found in path(s):

```

* /opt/cola/permits/1084961554_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.h
No license file was found, but licenses were detected in source scan.

```

```

.\" -*- nroff -*- ----- *
.\"
.\" Copyright (c) 1990, 1993, 1994
.\" The Regents of the University of California. All rights reserved.
.\"
.\" Copyright 2001-2009 H. Peter Anvin - All Rights Reserved
.\"
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.\" are met:

```

```

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.\" LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
.\" OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
.\" SUCH DAMAGE.
.\"
.\"----- */

```

Found in path(s):

```
* /opt/cola/permits/1084961554_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.8.in
```

No license file was found, but licenses were detected in source scan.

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: @@VERSION@@

Release: 1

License: BSD

Group: Applications/Internet

Source0: <http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz>

BuildRequires: tcp\_wrappers-devel

BuildRoot: %{\_tmppath}/%{name}-root

%description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server

Group: System Environment/Daemons

Summary: The server for the Trivial File Transfer Protocol (TFTP).

Requires: xinetd

```

%description server
The Trivial File Transfer Protocol (TFTP) is normally used only for
booting diskless workstations. The tftp-server package provides the
server for TFTP, which allows users to transfer files to and from a
remote machine. TFTP provides very little security, and should not be
enabled unless it is expressly needed. The TFTP server is run from
/etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep
%setup -q -n tftp-hpa-%{version}

%build

%configure
make %{?_smp_mflags}

%install
rm -rf ${RPM_BUILD_ROOT}
mkdir -p ${RPM_BUILD_ROOT}%{_bindir}
mkdir -p ${RPM_BUILD_ROOT}%{_mandir}/man{1,8}
mkdir -p ${RPM_BUILD_ROOT}%{_sbindir}

make INSTALLROOT=${RPM_BUILD_ROOT} \
  SBINDIR=%{_sbindir} MANDIR=%{_mandir} \
  install
install -m755 -d ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/ ${RPM_BUILD_ROOT}/tftpboot
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/tftp

%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server
if [ $1 = 0 ]; then
  /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp

```

%dir /tftpboot  
%{\_sbindir}/in.tftpd  
%{\_mandir}/man8/\*

%changelog

- \* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
  - removed completely broken "Malta" patch.
  - integrated into build machinery so rpm -ta works.
- \* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
  - rebuilt
- \* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
  - rebuilt
- \* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
  - 0.33
  - Add /tftpboot directory (#88204)
- \* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
  - rebuilt
- \* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
  - add BuildPreReq on tcp\_wrappers
- \* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
  - rebuilt
- \* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
  - Update to 0.32
- \* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
  - Fix #55789
  - Update to 0.30
- \* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
  - Try applying HJ's patch from #65476
- \* Fri Jun 21 2002 Tim Powers <timp@redhat.com>
  - automated rebuild
- \* Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
  - Update to 0.29
- \* Thu May 23 2002 Tim Powers <timp@redhat.com>
  - automated rebuild
- \* Wed Jan 09 2002 Tim Powers <timp@redhat.com>

- automated rebuild

\* Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15

- Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562

- Update to tftp-hpa-0.28 (bug #56131)

- Remove include/arpa/tftp.h to fix #57259

- Add resource limits in tftp-xinetd (#56722)

\* Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>

- Bump release + rebuild.

\* Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)

- updated tftp-hpa source to tftp-hpa-0.17

- tweaked specfile with different defines for tftp-netkit and tftp-hpa version

- use hpa's tftpd.8 man page instead of the netkits one

\* Mon May 07 2001 Helge Deller <hdeller@redhat.de>

- rebuilt in 7.1.x

\* Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>

- fix tftp client's put problems (#29529)

- update to tftp-hpa-0.16

\* Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>

- don't let configure to guess compiler, it can pick up egcs

\* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>

- changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)

- fixed hpa-tftpd to handle files greater than 32MB (#23725)

- added "-l" flag to hpa-tftpd for file-logging (#26467)

- added description for "-l" to the man-page

\* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>

- updated tftp client to 0.17 stable (#19640),

- drop dependency on xinetd for tftp client (#25051),

\* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>

- xinetd shouldn't wait on tftp (which forks) (#23923).

\* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>

- fix to permit tftp put's (#18128).

- startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.

- %%post is needed by server, not client. Add %%postun for erasure as well.

\* Wed Aug 23 2000 Nalin Dahyabhai <nalin@redhat.com>

- default to being disabled

- \* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
  - correct group.
- \* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
  - change user from root to nobody
- \* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
  - update to tftp-hpa-0.14 (#14003).
  - add server\_args (#14003).
  - remove -D\_BSD\_SOURCE (#14003).
- \* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
  - cook up an xinetd config file for tftpd
- \* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
  - automatic rebuild
- \* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
  - FHS packaging.
  - update to 0.17.
- \* Fri May 5 2000 Matt Wilson <msw@redhat.com>
  - use \_BSD\_SOURCE for hpa's tftpd so we get BSD signal semantics.
- \* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
  - fix description
- \* Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
  - compress man pages (again).
- \* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
  - man pages are compressed
  - fix description and summary
- \* Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>
  - split client and server
- \* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
  - update to 0.16.
- \* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
  - update to 0.15.
- \* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>
  - tftpd should truncate file when overwriting (#412)
- \* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
  - auto rebuild in the new build environment (release 22)



\* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>

- compile for 6.0.

\* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>

- build root

\* Mon Apr 27 1998 Prospector System <bugs@redhat.com>

- translations modified for de, fr, tr

\* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>

- added check for getpwnam() failure

\* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>

- initial build

Found in path(s):

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp.spec.in

No license file was found, but licenses were detected in source scan.

/\* ----- \*/

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\*

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\*

/\* ----- \*/

Found in path(s):

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/remap.h

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/remap.c

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/misc.c

No license file was found, but licenses were detected in source scan.

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- \*/

Found in path(s):

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.c

No license file was found, but licenses were detected in source scan.

```
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* http://www.openbsd.org/.
*
*-----*/
```

Found in path(s):

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/config.h

No license file was found, but licenses were detected in source scan.

```
/*-----*
*
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* http://www.openbsd.org/.
```

\*  
\* ----- \*/

Found in path(s):

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.h  
\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.c

No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/MCONFIG.in

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Found in path(s):

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/common/tftpsubs.h

\* /opt/cola/permits/1084961554\_1610175962.28/0/tftp-hpa-5-2-4-tar-bz2/tftp-hpa-5.2/tftp/extern.h

# 1.27 gawk 4.1.3

## 1.27.1 Available under license :

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while

preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does

and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based

on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and

therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License.

Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the

user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.



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#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>  
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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

That's all there is to it!

## 1.28 tar 1.28

### 1.28.1 Available under license :

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Version 3, 29 June 2007

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To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS

### 0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

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#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an

implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

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d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and

only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

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## 1.29 dhcp 4.3.2

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\* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

\* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

\* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

\* `admin/check-style.sh`, `admin/check-style-common.awk`, `admin/check-style-cpp.awk`, `admin/check-style-shell.awk`: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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=====  
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2  
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## 1.33 python 2.7.8

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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.

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2.1.1	2.1+2.0.1	2001	PSF	yes
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Mersenne Twister

-----

The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::



A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and  
`:func:`getnameinfo``, which are coded in separate source files from the WIDE  
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MD5 message digest algorithm  
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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.  
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.  
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.

Asynchronous socket services

-----

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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use `binascii` module to do the actual line-by-line conversion between `ascii` and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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test\_epoll  
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Select kqueue

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strtod and dtoa

-----

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----

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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It was downloaded from <<http://www.ch-werner.de/sqliteodbc/>>

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Upgrading Berkeley DB 11.2.5.3 applications to Berkeley DB 12.1.6.0
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  <p>
    Starting with the 6.0 / 12c releases, all Berkeley DB products are
    licensed under the GNU AFFERO GENERAL PUBLIC LICENSE (AGPL), version 3.
    This license is published by the Free Software Foundation (FSF)
    <a class="ulink" href="http://www.gnu.org/licenses/agpl.html" target="_top">(1)</a> and
    approved by the Open Source Initiative
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    Please review the terms of the license to ensure compliance before
    upgrading to the 12c release. Previous releases of Berkeley DB software
    will continue to be distributed under the Sleepycat license.
  </p>
</div>
<div class="navfooter">
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      <td width="20%" align="center">
        <a accesskey="u" href="upgrade_60_toc.html">Up</a>
      </td>
      <td width="40%" align="right"><a accesskey="n" href="sqlite_ver60.html">Next</a></td>
    </tr>
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        <a accesskey="h" href="index.html">Home</a>
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      <td width="40%" align="right" valign="top">Updated SQLite Version</td>
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  </table>
</div>
</body>
</html>

```



# 1.35 netkit-tftp 1.9.4

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Version 3, 29 June 2007

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```
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<signature of Ty Coon>, 1 April 1989  
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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.

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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)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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## 1.38 e2fsprogs 1.42.9

### 1.38.1 Available under license :

Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

\*/

/\*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version
  
- trivial database library - private includes

- 
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distributed together with the EXT2 file system utilities, which are  
otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,  
from sources obtained from a mirror of:  
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Theodore Ts'o  
23-June-2007

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## 1.39 diffutils 3.3

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scriptversion=2011-11-20.07; # UTC

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```
# Calling this script install-sh is preferred over install.sh, to prevent
# 'make' implicit rules from creating a file called install from it
# when there is no Makefile.
```

```
#
```

```
# This script is compatible with the BSD install script, but was written
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```

```
#!/bin/sh
```

```
# test-driver - basic testsuite driver script.
```

```
scriptversion=2012-06-27.10; # UTC
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```

# <automake-patches@gnu.org>.

# Make unconditional expansion of undefined variables an error. This  
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set -u

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## 1.40 util-linux 2.26.0

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NR START END SECTORS SIZE NAME UUID
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2 7680 16383 8704 4.3M 8f8378c0-02
5 7936 12799 4864 2.4M
6 12544 16127 3584 1.8M
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## 1.41 libtomcrypt 1.17

### 1.41.1 Available under license :

```
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# * SHA-512
# * Implementation derived from LibTomCrypt (Tom St Denis)
# *
# * LibTomCrypt is a library that provides various cryptographic
# * algorithms in a highly modular and flexible manner.
# *
# * The library is free for all purposes without any express
# * guarantee it works.
# *
# * Tom St Denis, tomstdenis@gmail.com, http://libtomcrypt.org
# */
```

## 1.42 pinentry 0.9.2

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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.

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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
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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
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2.5	2.4	2006	PSF	yes
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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
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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## History and License

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### History of the software

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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.

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1.6	1.5.2	2000	CNRI	no

2.0	1.6	2000	BeOpen.com	no	
+-----+					
1.6.1	1.6	2001	CNRI	no	
+-----+					
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	2002-2003	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	2003	PSF	yes	
+-----+					
2.3.3	2.3.2	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	
+-----+-----+-----+-----+-----+					
2.6.4	2.6.3	2010	PSF	yes	
+-----+-----+-----+-----+-----+					
2.7	2.6	2010	PSF	yes	
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A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.keio.ac.jp/matumoto/emt.html>

email: [matumoto@math.keio.ac.jp](mailto:matumoto@math.keio.ac.jp)

Sockets

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#### MD5 message digest algorithm

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.  
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.  
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.

Asynchronous socket services  
-----

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UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use `binascii` module to do the actual line-by-line conversion between `ascii` and `binary`. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

XML Remote Procedure Calls

-----

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Select kqueue

-----

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strtod and dtoa

-----

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## 1.54 zlib 1.1.4

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

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\*/

## 1.55 net-tools 1.60

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## 1.57 tcl 8.6.1

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## 1.58 binutils 2.25.51

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If you have Invariant Sections, Front-Cover Texts and Back-Cover Texts, replace the ``with@dots{ }Texts." line with this:

@smallexample

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with the Invariant Sections being @var{list their titles}, with the Front-Cover Texts being @var{list}, and with the Back-Cover Texts being @var{list}.

@end group

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If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their use in free software.

@c Local Variables:

@c ispell-local-pdict: "ispell-dict"

@c End:

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Version 2, June 1991

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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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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without



changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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its purpose remains meaningful.

(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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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<signature of Ty Coon>, 1 April 1990  
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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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(This file is under construction.) \*- text -\*

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This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and

verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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# 1.59 xinetd 2.3.15

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## 1.60 readline 6.3

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## 1.63 bind 9.10.2

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\* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

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\* atf-c/ui.c: The format\_paragraph and format\_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

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\* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io\_test.cpp: These files were derived from the file\_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

\* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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=====  
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2  
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<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '&#10;'))"/>

<xsl:text>&#10;</xsl:text>

<xsl:variable name="rest" select="substring-after(\$text, '&#10;')"/>

<xsl:if test="translate(\$rest, '&#9;&#32;', '')">

<xsl:call-template name="isc.copyright.format">

<xsl:with-param name="text" select="\$rest"/>

</xsl:call-template>

</xsl:if>

</xsl:template>

<xsl:variable name="isc.copyright.text">

<xsl:text>

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```
</xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
<xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">
  <xsl:text>Copyright (C) </xsl:text>
  <xsl:call-template name="copyright.years">
    <xsl:with-param name="years" select="year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="holder"/>
  <xsl:text> &#10;</xsl:text>
</xsl:for-each>
<xsl:value-of select="$isc.copyright.text"/>
  </xsl:with-param>
</xsl:call-template>
</xsl:variable>
```

```
</xsl:stylesheet>
```

```
<!--
```

```
- Local variables:
- mode: sgml
- End:
```

```
-->
```

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## 1.66 ethtool 4.0

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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```
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This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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## 1.68 flexnet-publisher 10.1

### 1.68.1 Available under license :

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[core]  
repositoryformatversion = 0  
filemode = true  
bare = false  
logallrefupdates = true  
[remote "origin"]
```



```

url = https://dscm.esl.cisco.com/git/153/comp-15304913.git
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[branch "skywalker_com"]
remote = origin
merge = refs/heads/skywalker_com
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66a0d879c71de1848118de9e341d5deb83818adb branch 'rel\_6\_2\_0\_5x\_1319447985' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

079fed2a107c0e58789f36e18f86637a1168c33d branch 'rel\_6\_2\_10\_1411029857' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

e2d6fbfcffe9d62c7697e2a0f8af68792cbad105 branch 'rel\_6\_2\_13\_1432205888' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

b75e0e977504401cae027d22bfd9c29a6670d1 branch 'rel\_6\_2\_1\_1358454650' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

d6ffd096b6e045a75d8226fbecb61f202bafebc6 branch 'rel\_6\_2\_1\_33\_1361809351' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

ad6ebdbdd32757553bb398717ecdd93b72702108 branch 'rel\_6\_2\_1\_33\_1361810972' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

bd97ebd363c48f64c6c36ec73e07712a8bd5a57a branch 'rel\_6\_2\_1\_33\_1361813473' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

c792866394749a86a26ee9e4f5bb00173728b517 branch 'rel\_6\_2\_1x\_1360614323' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

0f1652e4b7833067cd60bac40605d3dda2644a72 branch 'rel\_6\_2\_20\_1508342187' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

876eda71d428411b0b9b94b12e6c8eea44570a79 branch 'rel\_6\_2\_20\_1508343613' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

e5c5394472e8b8dd27799065f2f3ce2f4e19d928 branch 'rel\_6\_2\_22\_1549471583' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

8897493500215dd7e4b872936b99bf712439cf64 branch 'rel\_6\_2\_22\_1549474307' of  
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6af42341f1d1291ad6614ce8bc8bd63f14379da5 branch 'rel\_6\_2\_25\_1537789720' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

cbbe757e8340d3ff727fbc6c21f8a09c60430111 branch 'rel\_6\_2\_25\_1537804439' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

df22adc52aab8f0341080d2b299673e05120f30 branch 'rel\_6\_2\_25\_1537806235' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

6a8549154254bc3d4321852ebf241fe665e903d8 branch 'rel\_6\_2\_25\_1537853393' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

f9babd65905f91aa2eff13630bf9bfaf6a29dfcc branch 'rel\_6\_2\_25\_1537857082' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

e07cb5e80aedc545bdb1f3e09186803a2fb590c2 branch 'rel\_6\_2\_25\_1537863229' of  
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0341694426c29e05eee41e423142068b2226d76f branch 'rel\_6\_2\_25\_1537947258' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

1dca72e3c96c8bf2a1ae81ef502273d6fdf3ada9 branch 'rel\_6\_2\_25\_1537959757' of  
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7eaa26a82647978ad6e3d1b052a9b9444f3c64d5 branch 'rel\_6\_2\_27\_1550363800' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

28ed57249eda2d2b2fa19a0e925fd5578b42c837 branch 'rel\_6\_2\_2\_1374645089' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

3ba9f7cc27ae5dcfb02265cc2e3ddfc687b4c789 branch 'rel\_6\_2\_5\_1377756497' of  
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2536effaa449a880e07af486aca768bbb8cc7785 branch 'rel\_6\_2\_5\_1377760250' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

73316f4e9d25406945145377a0b68f5a88094698 branch 'rel\_6\_2\_6a\_1393392717' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

956abd8da1dda44fd9043c15a4c20ca9b67c4c07 branch 'rel\_6\_2\_7\_1391725316' of  
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a917a53f795f22a03ca0756b86a64ce91f63dd51 branch 'rel\_6\_2\_8\_1395337211' of  
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c97f2b258a55a0a1bfa74c0752a82eefbec170fd branch 'rel\_7\_3\_0\_d1\_0\_125\_1444754460' of  
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202e6ef655760308ff758edb56db3b1bcafd27cc branch 'rel\_7\_3\_0\_d1\_0\_127\_1444932948' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

55c370f2cc3610eb743bf566ce6e4eadd65e8d63 branch 'rel\_7\_3\_0\_d1\_0\_24\_1435346435' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

07932093f7382b205d7ace06e05aef2c64fde157 branch 'rel\_7\_3\_0\_d1\_1\_1453376495' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

53d8243f0ce4cc194eda767c06b0b5b3c1543da5 branch 'rel\_7\_3\_0\_d1\_1\_1453378954' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

b51650561a6bb094ddcbcc0ef675bff2aa4858de branch 'rel\_7\_3\_0\_d1\_1c\_1468606237' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

661352e7716c78df7b218823506d3f48fdd7f02f branch 'rel\_7\_3\_0\_dx\_0\_54\_1452151147' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

f552d92b9c329165cfe09f6d1d34d48ef1f4575c branch 'rel\_7\_3\_0\_dx\_0\_54\_1452155690' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

d701575c5fd3bdbc7f21b3242d3b59ef41f87a77 branch 'rel\_7\_3\_0\_dx\_0\_54\_1452156693' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

fa536aafb7288145e2c2590d7248ceccb2b332f branch 'rel\_7\_3\_2\_d1\_1a\_1506012041' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

21e8f6997268df5c6882ae0e822238aaba31c4ce branch 'rel\_7\_3\_3\_d1\_1\_1533706967' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

5663261614a22055cbb715bb95073d89840106a7 branch 'rel\_7\_3\_3\_d1\_1\_1533714860' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

fd1d1309e87165fa417aba408c1fadf4567d3b81 branch 'rel\_a2\_1\_1\_throttle' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

b8cfc8f36965a42667b9d0eaa1ed089c85acd6a0 branch 'rel\_a2\_1\_2\_throttle' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

8d8702357179898f0d6e94a548315df6cfff1679 branch 'rel\_a2\_1\_5\_throttle' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

073d16c4fa776bcc259e62c85ef841930ce25ee3 branch 'rel\_a2\_1\_throttle' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

f6907715da46688acf5de4232a27f66dec28b95e branch 'rel\_a3\_1\_0\_throttle' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

d887b84949d40aa15022ce22238f81fe3b5b8488 branch 'rel\_a3\_2\_0\_dev' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

ad3e6ec15527a1ad8b4941cb78aceafd7ed22f03 branch 'rel\_a42\_sustaining' of  
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c37ab6aaa136e569ee56be557b75c92aeb16013f branch 'rel\_a5\_1\_0\_throttle' of  
<https://dscm.esl.cisco.com/git/153/comp-15301477>

b156bcd2241d70ec81052b5663d8c6b069017f65 branch 'rel\_a5\_2\_1\_throttle' of  
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<https://dscm.esl.cisco.com/git/153/comp-15301477>  
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<https://dscm.esl.cisco.com/git/153/comp-15301477>  
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ba2bfe62c1c564e851614c5e90ad899c2dcb2b13 branch 'seg\_dev' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
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882b3ddf80e6cc20223975d540a5f3ce06d5211f branch 'sf\_main\_park' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
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910e03e448e14c1c927de86ad2ead0e0f4449aaf branch 'sfish\_port\_proj' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
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<https://dscm.esl.cisco.com/git/153/comp-15301477>  
8e7ecd7d4c9d49ce6c0ca9f186210ad49be0cc57 branch 'shadow\_collapse\_6210' of  
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<https://dscm.esl.cisco.com/git/153/comp-15301477>  
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<https://dscm.esl.cisco.com/git/153/comp-15301477>  
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4979fdf20120358dd8215ffec66208f738b621f3 branch 'shadow\_rel\_622' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
56360246c5e54920bd942f3d734e8487dbb0c5c7 branch 'sj' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
5102e54c360518e642eaabaa83de9f4cc83a742 branch 'sky\_fretta\_ppb' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
cd6f19071b5c6284b8e5c18fae559a23db2c1b8e branch 'sky\_fretta\_ppb\_8k' of  
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03f1327eb449ac3067f904a33359c9821f988a05 branch 'skywalker' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
2ed9d27c056533ea75c0159e94e71c41232d6c2d branch 'skywalker\_8k' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

77ee697ca7602fbf6d6606595ef5f11b850322b7 branch 'skywalker\_com' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

8f15c2fd12e6e400435d10ecb76d70be3428b18e branch 'skywalker\_rel\_8\_2\_0\_sk\_0\_148\_com' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

a62b8e3e13b7662737fae6408c7450342c3b743b branch 'skywalker\_rel\_8\_3\_0\_cv\_0\_4pe\_com' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

53f276932c3cc60321a3ce96a8c6c5f19089a99f branch 'skywalker\_rel\_8\_3\_0\_cv\_0\_5sa\_com' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

b0b35d80ac5678321816490e1985fc4c08e07651 branch 'skywalker\_rel\_8\_3\_0\_cv\_0\_787\_com' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

10a5bca0adaad8e190165f0f4226782809271a5d branch 'skywalker\_rel\_8\_4\_0\_sk\_0\_1n\_com' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

e1576d658f29c5357d3d8b5879a41973f8fadc31 branch 'sl\_sch' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

1e7f589498d137e2e17b4919259e2765704013ae branch 'sl\_sch\_zn73' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

7cb89e672ad2f3d78eec01581ab26d6c1bc30212 branch 'sla\_cadmen' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

4ed10213582e68a81e74422ac716d0b1c851abac branch 'smos\_main' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

2b8ef31e0fd8ae86010c6fe5158a3767f45b282b branch 'smu\_n7k\_r710' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

2dc2bb79092248708c75d611893e3925a2407aed branch 'smu\_n7k\_r710\_sajjad\_test' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

fd2029a4fb9f4485a7c3986ff5bbb950cb586140 branch 'smu\_n7k\_r710\_temp' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

839e43b16e95c906f6da38914b9272c00ac7860b branch 'smu\_rel\_9\_2\_3' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

cd39088d730d51369ac0a70b0194bf2fbbab8a38 branch 'ssp\_r1\_0\_fcs1\_throttle' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

ddd7156df813bdb2837dbf587d7effb1ec0b5ab8 branch 'ssp\_r1\_1\_4\_fcs\_throttle' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

ab4e601d384919d7878d0fa2686be599ea44d086 branch 'ssp\_r2\_0\_1\_fcs\_throttle' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

1553d089938c98946348528a6b81da0bfb8ee69f branch 'ssp\_r2\_1\_1\_fcs\_throttle' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

a0117c699069f03226cac9ed055db50a8460d2f6 branch 'ssp\_r2\_2\_1\_fcs\_throttle' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

64ff1922ae968b757b98c4d9c076191a166111ec branch 'ssp\_r2\_2\_2\_fcs\_throttle' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

578261edb91fe301440663dbffc2230af80ac5c4 branch 'ssp\_r2\_3\_1\_fcs\_throttle' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

8a9b5b8474dab5e88581caf9d8f61bbf35bf2c28 branch 'ssp\_r2\_4\_1\_fcs\_throttle' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

be857f161c8777baf48b87424ce69e7b59c71732 branch 'ssp\_r2\_6\_1\_fcs\_throttle' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

7528615dc6932f1d5c283b1f4027af5a68819f22 branch 'ssp\_r2\_7\_1\_fcs\_throttle' of <https://dscm.esl.cisco.com/git/153/comp-15301477>

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090a4612529941b24438fd20f189e71ae89c2761 branch 'stargate' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
74916e62c8dfe3a04365d1335e9859b29cb18d35 branch 'sync\_march\_7' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
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<https://dscm.esl.cisco.com/git/153/comp-15301477>  
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16022046ce3330fc661e049d6742a6d5c472c961 branch 'ucs\_e\_dev' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
843f805e79bda9f390c34e8ada3608d6b0df39a6 branch 'ucs\_fi' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
3cf60853cba87ba3072f9e32c9296a0652a877b7 branch 'ucs\_g\_dev' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
016e9f5a8283a3968258de5e41344ccb8ef6fb2c branch 'ucs\_g\_dev\_mr4' of <https://dscm.esl.cisco.com/git/153/comp-15301477>  
fa233196dd58e6813d877a4de17153c26a12c63b branch 'ucs\_h\_fex\_dev' of <https://dscm.esl.cisco.com/git/153/comp-15301477>



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c3da9d643002251226ecb9ff51aec487cca6a3e6
72f82a676e4e8a7e8afdf779f565129030a3b2d3
[core]
repositoryformatversion = 0
filemode = true
bare = false
logallrefupdates = true
[remote "origin"]
url = https://dscm.esl.cisco.com/git/153/comp-15301478.git
fetch = +refs/heads/*:refs/remotes/origin/*
[branch "skywalker_com"]
remote = origin
merge = refs/heads/skywalker_com
0000000000000000000000000000000000 06bd77b5d7b50a7afdce738674ec142c655701bf nxbld
<nxbld@cisco.com> 1571052911 -0700 clone: from https://dscm.esl.cisco.com/git/153/comp-15301478.git
0000000000000000000000000000000000 06bd77b5d7b50a7afdce738674ec142c655701bf nxbld
<nxbld@cisco.com> 1571052911 -0700 clone: from https://dscm.esl.cisco.com/git/153/comp-15301478.git
06bd77b5d7b50a7afdce738674ec142c655701bf 8c2f854e2708bbf9c727a1c92ef848dec8793c10 nxbld
<nxbld@cisco.com> 1571052911 -0700 checkout: moving from skywalker_com to skywalker_com/37
caaa75e0b83f705095b8e9759a6c2468a1e07e98
72f82a676e4e8a7e8afdf779f565129030a3b2d3 'refs/notes/acme' of https://dscm.esl.cisco.com/git/153/comp-
15304913
bb5dd4e3d533c9da4a0346dec4e99db159444284 branch 'atherton_com' of https://dscm.esl.cisco.com/git/153/comp-
15304913
b8aff37d77e764c796d1d0c28f2762c01ac53d7b branch 'avalon_nx_com' of https://dscm.esl.cisco.com/git/153/comp-
15304913
a99b88badbd4272519eee57ccc729e054c977969 branch 'beverlyhills_com' of
https://dscm.esl.cisco.com/git/153/comp-15304913
6adacf0ec9833cb347105b9e47b64b225e8ad77f branch 'beverlyhills_rel_8_2_1_com' of
https://dscm.esl.cisco.com/git/153/comp-15304913
93d12f881c6fe530912b4b211a67c226f5a0a6f6 branch 'calculon' of https://dscm.esl.cisco.com/git/153/comp-
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https://dscm.esl.cisco.com/git/153/comp-15304913
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d87970b05607ec1feb037391dbd6269e79de749b branch 'h_dev_sa_ft' of https://dscm.esl.cisco.com/git/153/comp-
15304913
71caa948731b1c288916c62c49dd08c79bf86be4 branch 'h_dev_wrl8' of https://dscm.esl.cisco.com/git/153/comp-
```



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3081e36dc98bdbad6668df02fc53b3f91c2043 branch 'hamilton' of https://dscm.esl.cisco.com/git/153/comp-15304913  
e580fe800a23ae12cab1b4c3948bfcf3dc7e6943 branch 'hmr1' of https://dscm.esl.cisco.com/git/153/comp-15304913  
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c567f993b995c707682ad3e4024dcada9170a44a branch 'iluka' of https://dscm.esl.cisco.com/git/153/comp-15304913  
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dd52ff0c8ac184ae065ca78274831af0ebfa5da4 branch 'iplus\_dev' of https://dscm.esl.cisco.com/git/153/comp-15304913  
1a92f4a9cb1a28a9aaadccc739948747912580f7 branch 'iplus\_dev\_fact' of https://dscm.esl.cisco.com/git/153/comp-15304913  
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2222107d6de87a1b37f03c99b2022e8b275e30f0 branch 'skywalker\_rel\_8\_2\_0\_sk\_0\_148\_com' of https://dscm.esl.cisco.com/git/153/comp-15304913  
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https://dscm.esl.cisco.com/git/153/comp-15304913  
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<nxbld@cisco.com> 1571052914 -0700 fetch origin +refs/notes/\*:refs/notes/\* +refs/heads/\*:refs/remotes/origin/\*:  
storing ref  
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<nxbld@cisco.com> 1571052905 -0700 checkout: moving from h\_cn12k to davis\_com/4  
18b34bd8ae4af33255a6f417361e11786b620994  
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15301478  
a9e968e0393d063a27fb613ebd8013c3fd23235 branch 'a1\_5\_id\_integration' of  
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15301478  
308364ff4b363199edaa4c72c54be421e6eafab9 branch 'airstrike\_dev' of https://dscm.esl.cisco.com/git/153/comp-  
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15301478  
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15301478

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0d9988b3de90d054e1666f39f9e474563369c7c7 branch 'ankaa1\_4' of https://dscm.esl.cisco.com/git/153/comp-15301478

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209f245ff9d10439d57457153c1c53eca6b14a0e branch 'ashfield' of https://dscm.esl.cisco.com/git/153/comp-15301478

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0e2abdde0112e8faf7fe7376575ae41c0d7fac3c branch 'auriga\_413\_throttle' of https://dscm.esl.cisco.com/git/153/comp-15301478

4e57527e61c55498dde96981a2763819df7559b8 branch 'avalon' of https://dscm.esl.cisco.com/git/153/comp-15301478

5eba6175fe77386b88338a17e2d00642c831d8b2 branch 'avalon\_nx\_com' of https://dscm.esl.cisco.com/git/153/comp-15301478

a5cd77b65d4b8b7ddede9b201d7fc9b7b3bc3c5d branch 'avalon\_nx\_rel\_8\_1\_1a\_com' of https://dscm.esl.cisco.com/git/153/comp-15301478

98155803684c6c32501bc515cc81136a43a74f5c branch 'avatar\_2' of https://dscm.esl.cisco.com/git/153/comp-15301478

da0988fffd53577b908ea3ec8af40f78068b5ec branch 'baikal-rib' of https://dscm.esl.cisco.com/git/153/comp-15301478

9434333d1a53a7e400b722d14c941908313d3ee7 branch 'baikal\_22\_dev' of https://dscm.esl.cisco.com/git/153/comp-15301478

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497711a3e17bf818e6903106fe026715895514dc branch 'beverlyhills\_rel\_8\_2\_4' of https://dscm.esl.cisco.com/git/153/comp-15301478

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cd7423520b4ae3f92fa04577f2342744feb3294e branch 'st\_freetown\_clone' of https://dscm.esl.cisco.com/git/153/comp-15301478  
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06bd77b5d7b50a7afdce738674ec142c655701bf  
00000000000000000000000000000000 18b34bd8ae4af33255a6f417361e11786b620994 nxbld  
<nxbld@cisco.com> 1571052915 -0700 fetch origin +refs/notes/\*:refs/notes/\* +refs/heads/\*:refs/remotes/origin/\*:  
storing ref  
00000000000000000000000000000000 caaa75e0b83f705095b8e9759a6c2468a1e07e98 nxbld  
<nxbld@cisco.com> 1571052911 -0700 clone: from https://dscm.esl.cisco.com/git/153/comp-15304913.git  
caaa75e0b83f705095b8e9759a6c2468a1e07e98 333f8b22c5dad178e0e0fc0db61cc88b252a5a4c nxbld  
<nxbld@cisco.com> 1571052912 -0700 checkout: moving from skywalker\_com to davis\_com/2  
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<nxbld@cisco.com> 1571052903 -0700 clone: from https://dscm.esl.cisco.com/git/153/comp-15301477.git  
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fKUw[P!specfiles/smartpd\_spec\_m9250i.xml]&X]]p=0"P^W#e&!specfiles/smartpd\_spec\_m9396T.xml]B]]pP=0"y  
\${Iv S(!specfiles/smartpd\_spec\_m9396s.xml]]p' ]p':0"bD+|R\$r specfiles/smartpd\_spec\_m9500.xml]<0]]p=0" K0m  
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2B6\* ]28+) specfiles/smartpd\_spec\_m9718.xml]]phX]]phX:0"p(;pr^]\*-  
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\_24.xml]]p3@]]p3@:0"JtK.Ft{MC+specfiles/smartpd\_spec\_nexus\_norcal\_384.xml]]p]]p:0"sG\*\*N1u\*specfiles/sm  
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u(=31X).STO./:T"specfiles/smartpd\_spec\_xbow\_18.xml]2;V7P]]p=31XP^ZRnW!specfiles/smartpd\_spec\_xbow\_2.  
xml]3#%(]]p\$=318..Iwoy!specfiles/smartpd\_spec\_xbow\_6.xmlTREE=41 1

7'R\0`hxOspecfiles34 0

0

0Qu`! ?B>e=>RyD

# 1.69 tthttpd 2.25b

## 1.69.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/* timers.c - simple timer routines
```

```
**
```

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```

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```

```
*/
```

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```
*/opt/cola/permits/1114038648_1610347506.88/0/tthttpd-2-25b-tar/tthttpd-2.25b/timers.c
```

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```
/* tthttpd.c - tiny/turbo/throttling HTTP server
```

```
**
```

```
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/\* tdate\_parse.h - parse string dates into internal form, stripped-down version

\*\*

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```
*/opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/tdate_parse.h
```

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```
/* makeweb.c - let a user create a web subdirectory
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\* /opt/cola/permits/1114038648\_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/extras/makeweb.c

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/\* tdate\_parse - parse string dates into internal form, stripped-down version

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/\* phf - cracker trap

\*\*

\*\* Old distributions of the NCSA and Apache web servers included a

\*\* version of the phf program that had a bug. The program could

\*\* easily be made to run arbitrary shell commands. There is no real

\*\* legitimate use for phf, so any attempts to run it must be considered



```
** to be attacks. Accordingly, this version of phf logs the attack
** and then returns a page indicating that phf doesn't exist.
**
**
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*/
```

Found in path(s):

```
*/opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/cgi-src/phf.c
```

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```

Found in path(s):

```
*/opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/Makefile
*/opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/cgi-src/Makefile
*/opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/extras/syslogtcern
*/opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/extras/Makefile
```

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```
/* fdwatch.h - header file for fdwatch package
**
** This package abstracts the use of the select()/poll()/kqueue()
** system calls. The basic function of these calls is to watch a set
** of file descriptors for activity. select() originated in the BSD world,
** while poll() came from SysV land, and their interfaces are somewhat
** different. fdwatch lets you write your code to a single interface,
** with the portability differences hidden inside the package.
**
** Usage is fairly simple. Call fdwatch_get_nfiles() to initialize
** the package and find out how many file descriptors are available.
** Then each time through your main loop, call fdwatch_clear(), then
** fdwatch_add_fd() for each of the descriptors you want to watch,
** then call fdwatch() to actually perform the watch. After it returns
** you can check which descriptors are ready via fdwatch_check_fd().
**
** If your descriptor set hasn't changed from the last time through
** the loop, you can skip calling fdwatch_clear() and fdwatch_add_fd()
** to save a little CPU time.
**
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```

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/\* fdwatch.c - fd watcher routines, either select() or poll()

\*\*

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/\* config.h - configuration defines for thttpd and libhttpd

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```

Found in path(s):

```
*/opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/config.h
```

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```
/* match.c - simple shell-style filename matcher
```

```
**
```

```
** Only does ? * and **, and multiple patterns separated by |. Returns 1 or 0.
```

```
**
```

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```
*/
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\* /opt/cola/permits/1114038648\_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/match.c

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/\* libhttpd.c - HTTP protocol library

\*\*

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/\* match.h - simple shell-style filename patcher

\*\*

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/\* mmc.c - mmap cache

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```
/* mmc.h - header file for mmap cache package
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```

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```

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```
* /opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/extras/makeweb.1
* /opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/thttpd.8
* /opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/extras/syslogtocern.8
* /opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/cgi-src/redirect.8
* /opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/cgi-src/ssi.8
```

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```
/* ssi - server-side-includes CGI program
```

```
**
```

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*/
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```
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```

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```
/* timers.h - header file for timers package
```

```
**
```

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```
*/opt/cola/permits/1114038648_1610347506.88/0/thttpd-2-25b-tar/thttpd-2.25b/timers.h
```

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```
/* redirect - simple redirection CGI program
```

```
**
```

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/\* libhttpd.h - defines for libhttpd

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## 1.70 grub 0.97

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## 1.72 python 3.7.3

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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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
2.1.2	2.1.1	2002	PSF	yes
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History and License

\*\*\*\*\*

History of the software

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Python was created in the early 1990s by Guido van Rossum at Stichting  
Mathematisch Centrum (CWI, see <https://www.cwi.nl/>) in the Netherlands as a  
successor of a language called ABC. Guido remains Python's principal author,  
although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National  
Research Initiatives (CNRI, see <https://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 <https://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.

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2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	no
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
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
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### Mersenne Twister

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The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

## Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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## Asynchronous socket services

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Cookie management

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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-----

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test\_epoll

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Select kqueue

-----

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SipHash24

-----

The file `:file:`Python/pyhash.c`` contains Marek Majkowski's implementation of Dan Bernstein's SipHash24 algorithm. The contains the following note::

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Original location:

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djb ([supercop/crypto\\_auth/siphhash24/little2](https://github.com/supercop/crypto_auth/siphhash24/little2))

Jean-Philippe Aumasson (<https://131002.net/siphhash/siphhash24.c>)

strtod and dtoa

-----

The file `:file:`Python/dtoa.c``, which supplies C functions `dtoa` and `strtod` for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from <http://www.netlib.org/fp/>. The original file, as retrieved on

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`zlib`

----

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cfuhash

-----

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libmpdec

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/\*

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\*

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\*

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## 1.77 log-rotate 3.9.1

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## 1.79 findutils 4.5.14

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Version 3, 29 June 2007

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/identity/XPathMatcher.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/identity/Selector.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/identity/ValueStore.java

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jar/org/apache/xerces/impl/xs/XSAttributeGroupDecl.java

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jar/org/apache/xerces/impl/xs/opti/ElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/DecimalDV.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/dom/DocumentImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/dom/NodeListCache.java

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jar/org/apache/xerces/impl/xs/traversers/XSDHandler.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/AbstractDateTimeDV.java

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jar/org/apache/html/dom/HTMLDocumentImpl.java

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jar/org/apache/xerces/jaxp/validation/DOMResultBuilder.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/validation/EmptyXMLSchema.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/validation/ValidatorImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/validation/XMLSchemaFactory.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/validation/ValidatorHandlerImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/validation/XMLSchema.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/validation/XMLSchemaValidatorComponentManager.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-

jar/org/apache/xerces/jaxp/validation/DOMResultAugmentor.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/validation/XSGrammarPoolContainer.java  
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jar/org/apache/xerces/jaxp/validation/AbstractXMLSchema.java  
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jar/org/apache/xerces/jaxp/datatype/DurationImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/util/AttributesProxy.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/JAXPValidatorComponent.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/validation/JAXPValidationMessageFormatter.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/validation/DOMDocumentHandler.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/util/DatatypeMessageFormatter.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/validation/SoftReferenceGrammarPool.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/parsers/XPointerParserConfiguration.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/jaxp/datatype/DatatypeFactoryImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xpointer/XPointerErrorHandler.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/util/SAXInputSource.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xpointer/XPointerMessageFormatter.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSDecimal.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xpointer/XPointerHandler.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/traversers/SchemaContentHandler.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/SAXLocatorWrapper.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/XIncludeAwareParserConfiguration.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xpointer/XPointerPart.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSQName.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/datatype/XMLGregorianCalendarImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/StreamValidatorHelper.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/DOMValidatorHelper.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/Util.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/LocatorProxy.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xpointer/ElementSchemePointer.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/ValidatorHelper.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/TeeXMLDocumentFilterImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/SchemaValidatorConfiguration.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/ReadOnlyGrammarPool.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/XIncludeParserConfiguration.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/XSComplexTypeDecl.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDSimpleTypeTraverser.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/XSAnnotationImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/SecurityConfiguration.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/SchemaDVFactoryImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/ObjectFactory.java  
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jar/org/apache/xerces/dom/ObjectFactory.java  
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jar/org/apache/xerces/dom/DOMConfigurationImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/AnyURIDV.java  
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jar/org/apache/xerces/xinclude/ObjectFactory.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/SchemaGrammar.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSDAbstractTraverser.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/parsers/XMLGrammarCachingConfiguration.java  
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jar/org/apache/xml/serialize/ObjectFactory.java  
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jar/org/apache/xerces/impl/dv/ObjectFactory.java

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*/  
/**  
* used to check the 3 constraints against each complex type  
* (should be each model group):  
* Unique Particle Attribution, Particle Derivation (Restriction),  
* Element Declarations Consistent.  
*/
```

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jar/org/apache/xerces/xni/XMLResourceIdentifier.java
 * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/io/UTF8Reader.java
 * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/XMLNamespaceBinder.java
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jar/org/apache/xerces/xinclude/XIncludeNamespaceSupport.java
 * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xinclude/XInclude11TextReader.java
 * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xinclude/XIncludeHandler.java
```

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/XSConstants.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xinclude/XIncludeMessageFormatter.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xinclude/XIncludeTextReader.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xinclude/MultipleScopeNamespaceSupport.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DOMMessageFormatter.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/grammars/XMLDTDDescription.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xinclude/SecuritySupport.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/SecuritySupport.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/SecuritySupport.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/SecuritySupport.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/grammars/XSGrammar.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/IntegerDV.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/util/NSItemImpl.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom3/as/ASNamedObjectMap.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom3/as/ASAttributeDeclaration.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom3/as/ASObject.java  
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jar/org/apache/xerces/dom3/as/DOMASWriter.java  
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jar/org/apache/xerces/dom3/as/ASEntityDeclaration.java  
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jar/org/apache/xerces/dom3/as/ASNotationDeclaration.java  
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jar/org/apache/xerces/dom3/as/DOMImplementationAS.java  
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jar/org/apache/xerces/dom3/as/ElementEditAS.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/dom3/as/DocumentAS.java  
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jar/org/apache/xerces/dom3/as/ASDataType.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/ChildNode.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/NamespaceSupport.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/ElementPSVImpl.java

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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/SynchronizedSymbolTable.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/XMLDocumentHandler.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/XMLAttributesImpl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/SchemaSymbols.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDDescription.java
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XML11NamespaceBinder.java
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/EntityDV.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/XSDeclarationPool.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/InvalidDatatypeFacetException.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLParseException.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLParserConfiguration.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/util/XIntPool.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLDTDCContentModelSource.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/XNIException.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/identity/UniqueOrKey.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/identity/KeyRef.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/DatatypeException.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/DTDDVFactory.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/StringDV.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLPullParserConfiguration.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/opti/NamedNodeMapImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/UnionDV.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/opti/AttrImpl.java

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jar/org/apache/xerces/dom/DocumentFragmentImpl.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLDocumentFragmentScannerImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XML11NSDocumentScannerImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLErrorReporter.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/HTMLSerializer.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/XML11Char.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLEntityScanner.java  
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLAppletElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLMetaElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLLIElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLHRElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLAElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLFormElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLEmElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLTableElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLStyleElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLBaseElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLMapElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLTableColElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLRefreshElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLCardElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLTimerElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLDListElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLBRElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLHeadElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLSetvarElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLScriptElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLWmlElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLGoElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLUListElementImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLAccessElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLOptionElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLLabelElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLDivElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLSelectElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLHtmlElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLAreaElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLBodyElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLDocumentImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLAnchorElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLFieldsetElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLTableSectionElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLOptGroupElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLLegendElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLTableElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLPostfieldElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLNoopElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLBElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLDocumentImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLTableRowElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLInputElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLMetaElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLBigElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLSmallElementImpl.java



\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLAnchorElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLButtonElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLDirectoryElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLBaseFontElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLSelectElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/wml/dom/WMLTrElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLParamElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLFrameSetElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLLOListElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLFrameElementImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLOptionElementImpl.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xni/grammars/XMLSchemaDescription.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/XSParticleDecl.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSAttributeChecker.java  
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/util/XSNamedMapImpl.java
  - \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/util/XSNamedMap4Types.java
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredDOMImplementationImpl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/AnyAtomicDV.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/ExternalSubsetResolver.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLEntityDescription.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/PrecisionDecimalDV.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSAnnotationInfo.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/SAXMessageFormatter.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/io/MalformedByteSequenceException.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-

jar/org/apache/xerces/impl/dv/util/ByteListImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/parsers/XML11Configurable.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/util/XMLEntityDescriptionImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/XSLoaderImpl.java  
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jar/org/apache/xerces/dom/AttrImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/XMLDTDSscannerImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/dom/AttrNSImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
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/\*\*

\* DOM Level 3 LS CR - Experimental.

\* Create a new `LSParser`. The newly constructed parser may

\* then be configured by means of its `DOMConfiguration`

\* object, and used to parse documents by means of its `parse`

\* method.

\* @param mode The `mode` argument is either

\* `MODE_SYNCHRONOUS` or `MODE_ASYNCHRONOUS`, if

\* `mode` is `MODE_SYNCHRONOUS` then the

\* `LSParser` that is created will operate in synchronous

\* mode, if it's `MODE_ASYNCHRONOUS` then the

\* `LSParser` that is created will operate in asynchronous

\* mode.

\* @param schemaType An absolute URI representing the type of the schema

\* language used during the load of a `Document` using the

\* newly created `LSParser`. Note that no lexical checking

\* is done on the absolute URI. In order to create a

\* `LSParser` for any kind of schema types (i.e. the

\* `LSParser` will be free to use any schema found), use the value

\* `null`.

\* <p><b>Note:</b> For W3C XML Schema [[XML Schema Part 1](http://www.w3.org/TR/2001/REC-xmlschema-1-20010502)]

\* , applications must use the value

\* `"http://www.w3.org/2001/XMLSchema"`. For XML DTD [[XML 1.0](http://www.w3.org/TR/2000/REC-xml-20001006)],

\* applications must use the value

\* `"http://www.w3.org/TR/REC-xml"`. Other Schema languages

\* are outside the scope of the W3C and therefore should recommend an

- \* absolute URI in order to use this method.
- \* @return The newly created `LSParser` object. This
- \* `LSParser` is either synchronous or asynchronous
- \* depending on the value of the `mode` argument.
- \* **Note:** By default, the newly created `LSParser`
- \* does not contain a `DOMErrorHandler`, i.e. the value of
- \* the "[" configuration parameter is `null`. However, implementations](http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler)
- \* may provide a default error handler at creation time. In that case,
- \* the initial value of the `"error-handler"` configuration
- \* parameter on the new created `LSParser` contains a
- \* reference to the default error handler.
- \* @exception DOMException
- \* NOT\_SUPPORTED\_ERR: Raised if the requested mode or schema type is
- \* not supported.

Found in path(s):

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMValidator.java  
 \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultText.java  
 \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDAbstractIDConstraintTraverser.java  
 \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/identity/IdentityConstraint.java

```
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/BasicParserConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/models/XSEmptyCM.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/opti/TextImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/NonValidatingConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xni/XMLLocator.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/util/ErrorHandlerWrapper.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/dv/SchemaDVFactory.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/DTDCConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/util/DOMEntityResolverWrapper.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/opti/SchemaParsingConfig.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/models/CMBUILDER.java
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jar/org/apache/xerces/impl/xs/models/XSDFACM.java
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jar/org/apache/xerces/dom/PSVIDocumentImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/dom/PSVIAAttrNSImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/XML11DTDConfiguration.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSDouble.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/YearMonthDurationDV.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/ObjectList.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSFloat.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/EntityResolver2Wrapper.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/DayTimeDurationDV.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/XMLCatalogResolver.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/ByteList.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSDateTime.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/XML11NonValidatingConfiguration.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/HTTPInputSource.java

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jar/org/apache/xerces/impl/dv/xs/DurationDV.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/YearDV.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/MonthDayDV.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/DateTimeDV.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/DayDV.java  
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jar/org/apache/xerces/impl/dv/xs/TimeDV.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/YearMonthDV.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/MonthDV.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/DateDV.java

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jar/org/apache/xerces/xs/AttributePSVI.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/XSLoader.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/XSObject.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/XSMultiValueFacet.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/util/XSGrammarPool.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/XSException.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/util/SecurityManager.java  
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jar/org/apache/xerces/xs/ElementPSVI.java  
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jar/org/apache/xerces/xs/XSAnnotation.java  
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jar/org/apache/xerces/xs/LSInputList.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/XSNamedMap.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/XSNamespaceItem.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/XSNamespaceItemList.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/PSVIProvider.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/ShortList.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/XSTerm.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/XSObjectList.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/XSImplementationImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/XSImplementation.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/ItemPSVI.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/StringList.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/xs/XSTypeDefinition.java  
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jar/org/apache/xerces/xs/XSModel.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLVersionDetector.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDocumentInfo.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xpath/regex/ParserForXMLSchema.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLDocumentScannerImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/XMLGrammarParser.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/RangeImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDValidator.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XML11DocumentScannerImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XML11DTDSscannerImpl.java  
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLStrongElement.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLEmElement.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLSelectElement.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-

jar/org/apache/wml/WMLTrElement.java  
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jar/org/apache/wml/WMLDoElement.java  
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jar/org/apache/wml/WMLDOMImplementation.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/html/dom/HTMLBuilder.java  
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jar/org/apache/wml/WMLFieldsetElement.java  
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jar/org/apache/wml/WMLTemplateElement.java  
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jar/org/apache/wml/WMLAccessElement.java  
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jar/org/apache/wml/WMLPostfieldElement.java  
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jar/org/apache/wml/WMLOptionElement.java  
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jar/org/apache/wml/WMLBElement.java  
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jar/org/apache/wml/WMLBrElement.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/wml/WMLBigElement.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/wml/WMLAElement.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/wml/WMLTableElement.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/wml/WMLWmlElement.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/wml/WMLNoopElement.java

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jar/org/apache/xerces/impl/dv/xs/XSSimpleTypeDecl.java

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jar/org/apache/xerces/impl/xs/models/CMNodeFactory.java

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jar/org/apache/xerces/impl/dv/xs/BaseDVFactory.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/util/SimpleLocator.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/XSDDescription.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/util/XMLResourceIdentifierImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/xs/FullDVFactory.java

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jar/org/apache/xerces/impl/xs/identity/FieldActivator.java

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jar/org/apache/xml/serialize/XMLSerializer.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xpath/regex/RegularExpression.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/dtd/ListDatatypeValidator.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dv/dtd/NMTOKENDatatypeValidator.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xpath/regex/RangeToken.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xml/serialize/XML11Serializer.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xs/models/XSCMLLeaf.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/dom/CoreDocumentImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/dom/TextImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dtd/models/CMLLeaf.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xml/serialize/BaseMarkupSerializer.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dtd/XML11DTDPProcessor.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/xpath/regex/Token.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/dom/ElementNSImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-  
jar/org/apache/xerces/impl/dtd/models/CMStateSet.java

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jar/org/apache/xerces/jaxp/SAXParserImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/StandardParserConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/opti/SchemaDOM.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/XML11Configuration.java
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/XSAttributeDeclaration.java  
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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/XSFacet.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/XSModelGroupDefinition.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/XSAttributeUse.java  
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jar/org/apache/xerces/xs/XSNotationDeclaration.java
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jar/org/apache/xerces/xs/XSModelGroup.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XMLEntityDecl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/msg/XMLMessageFormatter.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XMLElementDecl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/ASDOMImplementationImpl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/dtd/ENTITYDatatypeValidator.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/models/CMBinOp.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMBinOp.java
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredTextImpl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/IndentPrinter.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredProcessingInstructionImpl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredAttrNSImpl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/SchemaDateTimeException.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/events/MutationEventImpl.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11NMTOKENDatatypeValidator.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XMLContentSpec.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/CachingParserPool.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/HTMLdtd.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/XMLStringBuffer.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11IDDatatypeValidator.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/LCount.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/events/EventImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredEntityReferenceImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeepNodeListImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/Encodings.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLNSDocumentScannerImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/NodeIteratorImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMUniOp.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredElementNSImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xpath/regex/REUtil.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DOMImplementationImpl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/EncodingMap.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/Serializer.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/DTDGrammarBucket.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XMLAttributeDecl.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/ShadowedSymbolTable.java  
\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredEntityImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredDocumentTypeImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XMLNSDTDValidator.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/TextSerializer.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/dtd/IDREFDatatypeValidator.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredAttrImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/dtd/StringDatatypeValidator.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xpath/regex/Match.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/EntityReferenceImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredElementDefinitionImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XMLNotationDecl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/SerializerFactoryImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/Printer.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xpath/regex/Op.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/validation/ValidationManager.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/CharacterDataImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/Method.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/Version.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11IDREFDatatypeValidator.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/ProcessingInstructionImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/XMLGrammarPoolImpl.java

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\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredNotationImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredElementImpl.java

\* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DeferredCommentImpl.java



- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/util/HexBin.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/ElementDefinitionImpl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/models/DFACContentModel.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xpath/regex/ParseException.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/CommentImpl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/models/MixedContentModel.java
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/models/SimpleContentModel.java
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/MessageFormatter.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/LineSeparator.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/dtd/IDDatatypeValidator.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/PSVIDOMImplementationImpl.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/models/CMNode.java
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/CDATASectionImpl.java
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- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/models/CMUniOp.java
- \* /opt/cola/permits/1124919501\_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/SerializerFactory.java

## 1.95 zlib 1.2.7

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

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\*/

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## 1.97 e2fsprogs 1.27

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\*/

Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c  
+++ tdbsa/tdb.c  
@@ -4,11 +4,11 @@ Rev: 23371  
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)  
\*/  
/\*  
- Unix SMB/CIFS implementation.  
+ trivial database library - standalone version

- trivial database library - private includes  
-  
- Copyright (C) Andrew Tridgell 2005  
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Theodore Ts'o  
23-June-2007

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That's all there is to it!

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
[tsx-11.mit.edu:/pub/linux/packages/ext2fs/](http://tsx-11.mit.edu:/pub/linux/packages/ext2fs/)

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#

# This is a Makefile stub which handles the creation of BSD shared # libraries.

#

# In order to use this stub, the following makefile variables must be defined.

```

#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;'"/$(BSD_LIB) $(BSD_LIB)`)

install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

```

This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:

tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Gadi Oxman, August 1995

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## 1.102 libcap 1.10-1

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/* <filename>.c
```

```
*
```

```
* $Id: gpl-template.txt 43536 2012-06-28 22:56:06Z darkjames $
```

```
*
```

```
* Wireshark - Network traffic analyzer
```

```
* By Gerald Combs <gerald@wireshark.org>
```

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```

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tap-funnel.c:

Wireshark terms, according to author on wireshark-dev@, message-id:  
<f20d86b70607200240x2a6f7b0as68daf43b2eef6a56@mail.gmail.com>

editcap.c:

merge.c:

mergcap.c:

Wireshark terms, according to wireshark-dev@, message-id:  
<c9a3e4540607210110v50758766wf272c4e6c74d48f3@mail.gmail.com>

epan/epan.c:

epan/exceptions.h:

epan/dfilter/gencode.h:

epan/dfilter/glib-util.c:

epan/dfilter/glib-util.h:

Contributed by Gilbert Ramirez, he has been contacted, his other files are  
under Wireshark terms, (message-id: <44C1EFA2.3050907@alum.mit.edu>)

epan/dissectors/packet-bootparams.h:

epan/dissectors/packet-mount.h:

epan/dissectors/packet-nfs.h:

epan/dissectors/packet-x11-keysym.h:

Corresponding .c files have GPL notices, authors have been contacted for  
clarification.

epan/dissectors/packet-nlm.h: no license info

Wireshark terms, according to wireshark-dev@, message-id:  
<c9a3e4540607221458j407d552ekf28309c494487a8b@mail.gmail.com>

gtk/win32-file-dlg.h:

Contributed by Gerald Combs, Wireshark author, no answer yet but there is no  
reason why it would not have standard Wireshark terms. Message-id:  
<44C1EFA2.3050907@alum.mit.edu>

epan/in\_cksum.h:

BSD, like in\_cksum.c, according to wireshark-dev@, message-id:  
<44C1EFA2.3050907@alum.mit.edu>

epan/dissectors/packet-diameter-defs.h:

GNU GPL notice added in current Subversion repository, will be in file for  
0.99.3.

snprintf.h:

no longer used, according to wireshark-dev@, but it was under GPL like .c  
message-id: <c9a3e4540607200322j2225fdf8q8687b1b1fd13543a@mail.gmail.com>

## 1.103 perl 5.14.2

### 1.103.1 Available under license :

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Julian Seward, jseward@bzip.org  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

-----  
---  
abstract: 'Build and install Perl modules'  
author:  
- 'Ken Williams <kwilliams@cpan.org>'  
- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-build@perl.org>."  
build\_requires:  
File::Temp: 0.15  
Test::Harness: 3.16  
Test::More: 0.49  
generated\_by: 'Module::Build version 0.3608'  
license: gpl  
meta-spec:  
url: <http://module-build.sourceforge.net/META-spec-v1.4.html>  
version: 1.4  
name: Module-Build  
resources:  
MailingList: <mailto:module-build@perl.org>  
license: <http://dev.perl.org/licenses/>  
repository: <http://github.com/dagolden/module-build/>  
version: 3

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

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

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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```
Gnomovision version 69, Copyright (C) 19xx 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.
```

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

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The End

#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

use strict;

use Config;

BEGIN { require './test.pl' }



```

if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{

    open my $readme, '<', './README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
    local $/= "";
    my $copyright_msg = <$readme>;

    my ($year) = $copyright_msg =~ /\b(\d{4,})/s
        or die "Year not found in README copyright message '$copyright_msg'";

    $year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{

```

```
my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright 1987.*\b(\d{4,})/i
    or die "Copyright statement not found in perl -v output '$output'";

$year;
}
```

## 1.104 libffi 3.1

### 1.104.1 Available under license :

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Version 3, 29 June 2007

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The of the start-stop-daemon

- \* A rewrite of the original Debian's start-stop-daemon Perl script
- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>.

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# 1.106 u-boot 1.0.1

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# 1.115 tcp-dump 4.7.4

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# 1.116 icu 55

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```
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## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.${STATIC_O}: $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
```



```

$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%. $(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s/^(.*)\.o[ :]*/\1.o $@ : /g" > $@; \
[-s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s/^(.*)\.o[ :]*/\1.o $@ : /g" > $@; \
[-s $@ ] || rm -f $@'

## Versioned libraries rules

%. $(SO).$(SO_TARGET_VERSION_MAJOR): %. $(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%. $(SO): %. $(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}. $(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
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## 1.118 nettle 3.1.1

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This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General

Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation

and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square

root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the

source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one

of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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If any portion of this section is held invalid or unenforceable under any



particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

That's all there is to it!

## 1.120 iconv 2.22

### 1.120.1 Available under license :

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Version 3, 29 June 2007

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#### Preamble

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them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS

## 0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

## 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that

is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

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You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

### 5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

## 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no



more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

Note that the third and fourth stipulations still apply to any company that wishes to incorporate the unreduce code into its products; if you wish to do so, you must contact Mr. Smith directly regarding licensing.

-----

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-----

The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

-----

# 1.126 ntp 4.2.6p2

## 1.126.1 Available under license :

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jpg "Clone me," says Dolly sheepishly.

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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]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
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7. [8]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
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9. [10]Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in sntp
10. [11]Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
11. [12]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
12. [13]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
13. [14]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
14. [15]Sven Dietrich <sven\_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
15. [16]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
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17. [18]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
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31. [34]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
32. [35]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
33. [36]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
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35. [38]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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40. [43]Derek Mulcahy <derek@toybox.demon.co.uk> and [44]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
41. [45]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
42. [46]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
43. [47]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
44. [48]Wilfredo Sánchez <wsanchez@apple.com> added support for NetInfo
45. [49]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
46. [50]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
47. [51]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
48. [52]Michael Shields <shields@tembel.org> USNO clock driver
49. [53]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
50. [54]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
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54. [58]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
55. [59]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the object code with a copy of the GNU GPL and this license document.

### 4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

- a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the Combined Work with a copy of the GNU GPL and this license document.
- c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the

copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

## 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

## 6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

## 1.127 cracklib 2.9.0

### 1.127.1 Available under license :

-----  
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)  
-----

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=  
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan  
=20

-----  
Nathan Neulinger EMail: nneul@um...  
University of Missouri - Rolla Phone: (573) 341-6679  
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...  
> [mailto:cracklib-devel-bounces@li...] On Behalf Of  
> Mike Frysinger  
> Sent: Monday, October 01, 2007 8:15 PM  
> To: cracklib-devel@li...  
> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing  
> libraries under  
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
> -mike

Re: [Cracklib-devel] cracklib license  
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

> I understand that, and you're welcome to bring it up with Alec directly  
> and see if he wants to relicense his code as LGPL... but at this point,  
> it was enough to just get it consistent and documented as to what it was  
> released under. This wasn't actually a license change, just a  
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20  
GPL-2 ... it was a modified artistic license ... i didnt notice the license=  
=20  
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=  
eir=20

applications are also GPL-2 which imo is just wrong. it isnt the place of =  
a=20

library to dictact to application writes what license they should be using.=



=20

thus LGPL-2.1 enters to fill this void.

=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:33 PM

> To: Neulinger, Nathan

> Cc: cracklib-devel@li...; Alec Muffett

> Subject: Re: [Cracklib-devel] cracklib license

>=20

> On Monday 01 October 2007, Neulinger, Nathan wrote:

> > I understand that, and you're welcome to bring it up with Alec

> > directly

> > and see if he wants to relicense his code as LGPL... but at this

> > point,

> > it was enough to just get it consistent and documented as to what

> > it was

> > released under. This wasn't actually a license change, just a

> > clarification of the licensing that was already in place.

>=20

> the original license (before moving to sourceforge -- aka, 2.7) was

> not

> GPL-2 ... it was a modified artistic license ... i didnt notice the

> license

> change until it was mentioned in the latest notes.

>=20

> unlike the old license, GPL-2 prevents people from using cracklib

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> applications are also GPL-2 which imo is just wrong. it isnt the

> place of a  
> library to dictact to application writes what license they should  
> be using.  
> thus LGPL-2.1 enters to fill this void.  
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro  
> maintainers to get together with Alec in a conversation and come to a  
> decision as to what licensing scheme y'all want. I haven't really done  
> much other than cleaning up the packaging and patches and a small  
> bit of  
> additional code, so whatever licensing y'all come up with is fine  
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be  
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's  
best interests to have as secure systems as possible, and I think tainting  
it via GPL will just make it less likely that the library gets used, and  
will not usually cause companies/developers to GPL the dependent code  
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct  
license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro  
>> maintainers to get together with Alec in a conversation and come to a  
>> decision as to what licensing scheme y'all want. I haven't really done  
>> much other than cleaning up the packaging and patches and a small

>> bit of  
>> additional code, so whatever licensing y'all come up with is fine  
>> by me.  
>  
> I am sympathetic. Guys, what do you reckon?  
>  
> What I am hearing so far is that LGPL makes sense, since it can be  
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license  
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:  
>>> Seems like the ideal thing here would be for you and the other distro  
>>> maintainers to get together with Alec in a conversation and come to a  
>>> decision as to what licensing scheme y'all want. I haven't really done  
>>> much other than cleaning up the packaging and patches and a small  
>>> bit of  
>>> additional code, so whatever licensing y'all come up with is fine  
>>> by me.  
>>  
>> I am sympathetic. Guys, what do you reckon?  
>>  
>> What I am hearing so far is that LGPL makes sense, since it can be  
>> linked with any code, not just GPL...  
>  
> My apologies for not chiming in in anything resembling a reasonable  
> timeframe.  
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> I'd also suggest the LGPL, for the reason you noted above. Alternately,

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> which are included in Fedora. FWIW, I'd personally lean toward LGPL.  
>  
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
the change now ?

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.

>

> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

> >> In any case, I thank you both for working on sorting this out.

> >

> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we  
> > make the change now ?

>

> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

-----

BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.

-----

CrackLib was originally licensed with a variant of the Artistic license. In the  
interests of wider acceptance and more modern licensing, it was switched with  
the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-----

From alecm@crypticide.com Mon Oct 1 12:26:03 2007  
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:03 -0500  
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:02 -0500  
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000  
Received: from smtp1.srv.mst.edu (131.151.1.43)  
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000  
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])  
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtpr020623  
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500  
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])  
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311  
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)  
Received: from [82.68.43.14] (helo=[192.168.1.3])  
by rutherford.zen.co.uk with esmtp (Exim 4.50)  
id 1IcOcX-0004Qt-6L  
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000  
Mime-Version: 1.0 (Apple Message framework v752.2)  
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
References: <1190922867.3457.147.camel@localhost.localdomain>  
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>  
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>  
Content-Transfer-Encoding: 7bit  
From: Alec Muffett <alecm@crypticide.com>  
Subject: Re: cracklib license  
Date: Mon, 1 Oct 2007 17:59:46 +0100  
To: Nathan Neulinger <nneul@neulinger.org>  
X-Mailer: Apple Mail (2.752.2)  
X-Originating-Rutherford-IP: [82.68.43.14]  
Return-Path: alecm@crypticide.com  
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]

Status: RO  
Content-Length: 585  
Lines: 21

>  
> ----- Forwarded message -----  
> From: Neulinger, Nathan <nneul@umr.edu>  
> Date: Sep 27, 2007 2:58 PM  
> Subject: RE: cracklib license  
> To: alecm@crypto.dircon.co.uk  
>  
> Any chance you could write me a self-contained email stating clearly  
> that the license is being changed to GPL, so I could include that  
> email  
> in the repository and clean up the repository/tarballs? I have all the  
> original discussion, but something succinct and self contained  
> would be  
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

GNU LESSER GENERAL PUBLIC LICENSE  
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

#### Preamble

The licenses for most software are designed to take away your  
freedom to share and change it. By contrast, the GNU General Public  
Licenses are intended to guarantee your freedom to share and change  
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some  
specially designated software packages--typically libraries--of the  
Free Software Foundation and other authors who decide to use it. You  
can use it too, but we suggest you first think carefully about whether  
this license or the ordinary General Public License is the better

strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

^L

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

^L

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TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other



program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so

that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

^L

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object

file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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## 1.129 pkix-ssh 12.1

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\*

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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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- cipher/sha256-avx-amd64.S

- cipher/sha256-avx2-bmi2-amd64.S
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- cipher/sha512-avx-amd64.S
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## 1.136 openssl 1.0.2o

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## 1.138 selinux 3.0

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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```
<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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```

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## 1.140 curl 7.74.0

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## 1.141 python 2.7.2

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands

as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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## 1.142 libksba 1.3.3

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Keith Packard wrote the pcf driver found in XFree86. His work is at the same time the specification and the sample implementation of the PCF format. Undoubtedly, this driver is inspired from his work.

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```
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```
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```

```
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Ty Coon, President of Vice
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## 1.147 selinux 3.0

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## 1.148 gdb 7.10.1

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@group
with the Invariant Sections being @var{list their titles}, with
the Front-Cover Texts being @var{list}, and with the Back-Cover Texts
being @var{list}.
@end group
@end smallexample
```

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```
@c Local Variables:
@c ispell-local-pdict: "ispell-dict"
@c End:
GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999
```

```
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```

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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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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However, unrestricted linking of non-free programs would deprive the

users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under

Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any

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This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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#### Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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MA 02110-1301, USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

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

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@cindex LGPL, Lesser General Public License  
@center Version 2.1, February 1999

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]  
@end display

@appendixsubsec Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software---to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software---typically libraries---of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,

not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary



General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the @dfn{Lesser} General Public License because it does @emph{Less} to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library" and a ``work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

```
@iftex
@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
@end iftex
@ifinfo
@center GNU LESSER GENERAL PUBLIC LICENSE
@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
@end ifinfo

@enumerate 0
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@item

This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

@item

You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

@item

You may modify your copy or copies of the Library or any portion

of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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The modified work must itself be a software library.

@item

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

@item

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

@end enumerate

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

@item

You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

@item

You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

@item

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License.

Section 6 states terms for distribution of such executables.

When a ``work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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As an exception to the Sections above, you may also combine or link a ``work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ``work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the

Library will not necessarily be able to recompile the application to use the modified definitions.)

@item

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

@end enumerate

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

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This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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@page

@appendixsubsec How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

```
@smallexample
@var{one line to give the library's name and an idea of what it does.}
Copyright (C) @var{year} @var{name of author}
```

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```
@end smallexample
```

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ``copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

```
@smallexample
Yoyodyne, Inc., hereby disclaims all copyright interest in the library
`Frob' (a library for tweaking knobs) written by James Random Hacker.
```

```
@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample
```

That's all there is to it!

```

BEGIN {
    FS="\"";
    print "/* ==> Do not modify this file!! " \
    "-*- buffer-read-only: t -*- vi" \
    ":set ro:";
    print " It is created automatically by copying.awk.";
    print " Modify copying.awk instead. <== */";
    print ""
    print "#include \"defs.h\""
    print "#include \"command.h\""
    print "#include \"gdbcmd.h\""
    print ""
    print "static void show_copying_command (char *, int);"
    print ""
    print "static void show_warranty_command (char *, int);"
    print ""
    print "void _initialize_copying (void);"
    print ""
    print "static void";
    print "show_copying_command (char *ignore, int from_tty);"
    print "{";
}
NR == 1,/^[ ]*15\. Disclaimer of Warranty\.[ ]*$/ {
    if ($0 ~ //)
    {
        printf " printf_filtered (\"\\n\");\n";
    }
    else if ($0 !~ /^[ ]*15\. Disclaimer of Warranty\.[ ]*$/)
    {
        printf " printf_filtered (\"";
        for (i = 1; i < NF; i++)
        printf "%s\\\"\", $i;
        printf "%s\\n\");\n", $NF;
    }
}
/^[ ]*15\. Disclaimer of Warranty\.[ ]*$/ {
    print "}";
    print "";
    print "static void";
    print "show_warranty_command (char *ignore, int from_tty);"
    print "{";
}
/^[ ]*15\. Disclaimer of Warranty\.[ ]*$/,/^[ ]*END OF TERMS AND CONDITIONS[ ]*$/ {
    if (! ($0 ~ /^[ ]*END OF TERMS AND CONDITIONS[ ]*$/))
    {
        printf " printf_filtered (\"";
        for (i = 1; i < NF; i++)
        printf "%s\\\"\", $i;
    }
}

```

```

        printf "%s\n");\n", $NF;
    }
}
END {
    print "}";
    print "";
    print "void"
    print "_initialize_copying (void)";
    print "{";
    print " add_cmd (\\"copying\\", no_set_class, show_copying_command, ";
    print " _(\\"Conditions for redistributing copies of GDB.\\"), ";
    print " &showlist);";
    print " add_cmd (\\"warranty\\", no_set_class, show_warranty_command, ";
    print " _(\\"Various kinds of warranty you do not have.\\"), ";
    print " &showlist);";
    print "";
    print " /* For old-timers, allow \\"info copying\\", etc. */";
    print " add_info (\\"copying\\", show_copying_command, ";
    print " _(\\"Conditions for redistributing copies of GDB.\\"));";
    print " add_info (\\"warranty\\", show_warranty_command, ";
    print " _(\\"Various kinds of warranty you do not have.\\"));";
    print "}";
}

```

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```
#!/usr/bin/env python
```

```
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#
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```

```
"""copyright.py
```

This script updates the list of years in the copyright notices in most files maintained by the GDB project.

Usage: cd src/gdb && python copyright.py

Always review the output of this script before committing it!

A useful command to review the output is:

```
% filterdiff -x \*.c -x \*.cc -x \*.h -x \*.exp updates.diff
```

This removes the bulk of the changes which are most likely to be correct.

```
"""
```

```
import datetime
import os
import os.path
import subprocess
```

```
def get_update_list():
```

```
    """Return the list of files to update.
```

```
    Assumes that the current working directory when called is the root
    of the GDB source tree (NOT the gdb/ subdirectory!). The names of
    the files are relative to that root directory.
```

```
    """
```

```
    result = []
```

```
    for gdb_dir in ('gdb', 'sim', 'include/gdb'):
```

```
        for root, dirs, files in os.walk(gdb_dir, topdown=True):
```

```
            for dirname in dirs:
```

```
                reldirname = "%s/%s" % (root, dirname)
```

```

    if (dirname in EXCLUDE_ALL_LIST
        or reldirname in EXCLUDE_LIST
        or reldirname in NOT_FSF_LIST
        or reldirname in BY_HAND):
        # Prune this directory from our search list.
        dirs.remove(dirname)
for filename in files:
    relpath = "%s/%s" % (root, filename)
    if (filename in EXCLUDE_ALL_LIST
        or relpath in EXCLUDE_LIST
        or relpath in NOT_FSF_LIST
        or relpath in BY_HAND):
        # Ignore this file.
        pass
    else:
        result.append(relpath)
return result

def update_files(update_list):
    """Update the copyright header of the files in the given list.

    We use gnulib's update-copyright script for that.
    """
    # We want to use year intervals in the copyright notices, and
    # all years should be collapsed to one single year interval,
    # even if there are "holes" in the list of years found in the
    # original copyright notice (OK'ed by the FSF, case [gnu.org #719834]).
    os.environ['UPDATE_COPYRIGHT_USE_INTERVALS'] = '2'

    # Perform the update, and save the output in a string.
    update_cmd = ['bash', 'gdb/gnulib/import/extra/update-copyright']
    update_cmd += update_list

    p = subprocess.Popen(update_cmd, stdout=subprocess.PIPE,
                          stderr=subprocess.STDOUT)
    update_out = p.communicate()[0]

    # Process the output. Typically, a lot of files do not have
    # a copyright notice :-(. The update-copyright script prints
    # a well defined warning when it did not find the copyright notice.
    # For each of those, do a sanity check and see if they may in fact
    # have one. For the files that are found not to have one, we filter
    # the line out from the output, since there is nothing more to do,
    # short of looking at each file and seeing which notice is appropriate.
    # Too much work! (~4,000 files listed as of 2012-01-03).
    update_out = update_out.splitlines()
    warning_string = ': warning: copyright statement not found'

```

```

warning_len = len(warning_string)

for line in update_out:
    if line.endswith('\n'):
        line = line[:-1]
    if line.endswith(warning_string):
        filename = line[:-warning_len]
        if may_have_copyright_notice(filename):
            print line
    else:
        # Unrecognized file format. !?!
        print "*** " + line

def may_have_copyright_notice(filename):
    """Check that the given file does not seem to have a copyright notice.

    The filename is relative to the root directory.
    This function assumes that the current working directory is that root
    directory.

    The algorithm is fairly crude, meaning that it might return
    some false positives. I do not think it will return any false
    negatives... We might improve this function to handle more
    complex cases later...
    """
    # For now, it may have a copyright notice if we find the word
    # "Copyright" at the (reasonable) start of the given file, say
    # 50 lines...
    MAX_LINES = 50

    fd = open(filename)

    lineno = 1
    for line in fd:
        if 'Copyright' in line:
            return True
        lineno += 1
        if lineno > 50:
            return False
    return False

def main ():
    """The main subprogram."""
    if not os.path.isfile("gnulib/import/extra/update-copyright"):
        print "Error: This script must be called from the gdb directory."
    root_dir = os.path.dirname(os.getcwd())

```

```

os.chdir(root_dir)

update_list = get_update_list()
update_files (update_list)

# Remind the user that some files need to be updated by HAND...
if BY_HAND:
    print
    print "\033[31mREMINDER: The following files must be updated by hand." \
        "\033[0m"
    for filename in BY_HAND + MULTIPLE_COPYRIGHT_HEADERS:
        print " ", filename

#####
#
# Some constants, placed at the end because they take up a lot of room.
# The actual value of these constants is not significant to the understanding
# of the script.
#
#####

# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).
#
# Filenames are relative to the root directory.
EXCLUDE_LIST = (
    'gdb/nat/glibc_thread_db.h',
    'gdb/CONTRIBUTE',
    'gdb/gnulib/import'
)

# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).
#
# Matches any file or directory name anywhere. Use with caution.
# This is mostly for files that can be found in multiple directories.
# Eg: We want all files named COPYING to be left untouched.

EXCLUDE_ALL_LIST = (
    "COPYING", "COPYING.LIB", "CVS", "configure", "copying.c",
    "fdl.texi", "gpl.texi", "aclocal.m4",
)

# The list of files to update by hand.
BY_HAND = (
    # These files are sensitive to line numbering.

```



```

    "gdb/testsuite/gdb.base/step-line.inp",
    "gdb/testsuite/gdb.base/step-line.c",
)

# Files containing multiple copyright headers. This script is only
# fixing the first one it finds, so we need to finish the update
# by hand.
MULTIPLE_COPYRIGHT_HEADERS = (
    "gdb/doc/gdb.texinfo",
    "gdb/doc/refcard.tex",
    "gdb/gdbarch.sh",
)

# The list of file which have a copyright, but not head by the FSF.
# Filenames are relative to the root directory.
NOT_FSF_LIST = (
    "gdb/exc_request.defs",
    "gdb/gdbtk",
    "gdb/testsuite/gdb.gdbtk/",
    "sim/arm/armemu.h", "sim/arm/armos.c", "sim/arm/gdbhost.c",
    "sim/arm/dbg_hif.h", "sim/arm/dbg_conf.h", "sim/arm/communicate.h",
    "sim/arm/armos.h", "sim/arm/armcopro.c", "sim/arm/armemu.c",
    "sim/arm/kid.c", "sim/arm/thumbemu.c", "sim/arm/armdefs.h",
    "sim/arm/armopts.h", "sim/arm/dbg_cp.h", "sim/arm/dbg_rdi.h",
    "sim/arm/parent.c", "sim/arm/armsupp.c", "sim/arm/armrdi.c",
    "sim/arm/bag.c", "sim/arm/armvirt.c", "sim/arm/main.c", "sim/arm/bag.h",
    "sim/arm/communicate.c", "sim/arm/gdbhost.h", "sim/arm/armfpe.h",
    "sim/arm/arminit.c",
    "sim/common/cgen-fpu.c", "sim/common/cgen-fpu.h",
    "sim/common/cgen-accfc.c",
    "sim/mips/m16run.c", "sim/mips/sim-main.c",
    "sim/moxie/moxie-gdb.dts",
    # Not a single file in sim/ppc/ appears to be copyright FSF :-(.
    "sim/ppc/filter.h", "sim/ppc/gen-support.h", "sim/ppc/ld-insn.h",
    "sim/ppc/hw_sem.c", "sim/ppc/hw_disk.c", "sim/ppc/idecode_branch.h",
    "sim/ppc/sim-endian.h", "sim/ppc/table.c", "sim/ppc/hw_core.c",
    "sim/ppc/gen-support.c", "sim/ppc/gen-semantics.h", "sim/ppc/cpu.h",
    "sim/ppc/sim_callbacks.h", "sim/ppc/RUN", "sim/ppc/Makefile.in",
    "sim/ppc/emul_chirp.c", "sim/ppc/hw_nvram.c", "sim/ppc/dc-test.01",
    "sim/ppc/hw_phb.c", "sim/ppc/hw_eeeprom.c", "sim/ppc/bits.h",
    "sim/ppc/hw_vm.c", "sim/ppc/cap.h", "sim/ppc/os_emul.h",
    "sim/ppc/options.h", "sim/ppc/gen-idecode.c", "sim/ppc/filter.c",
    "sim/ppc/corefile-n.h", "sim/ppc/std-config.h", "sim/ppc/ld-decode.h",
    "sim/ppc/filter_filename.h", "sim/ppc/hw_shm.c",
    "sim/ppc/pk_disklabel.c", "sim/ppc/dc-simple", "sim/ppc/misc.h",
    "sim/ppc/device_table.h", "sim/ppc/ld-insn.c", "sim/ppc/inline.c",
    "sim/ppc/emul_bugapi.h", "sim/ppc/hw_cpu.h", "sim/ppc/debug.h",
    "sim/ppc/hw_ide.c", "sim/ppc/debug.c", "sim/ppc/gen-itabel.h",

```

```

"sim/ppc/interrupts.c", "sim/ppc/hw_glue.c", "sim/ppc/emul_unix.c",
"sim/ppc/sim_calls.c", "sim/ppc/dc-complex", "sim/ppc/ld-cache.c",
"sim/ppc/registers.h", "sim/ppc/dc-test.02", "sim/ppc/options.c",
"sim/ppc/igen.h", "sim/ppc/registers.c", "sim/ppc/device.h",
"sim/ppc/emul_chirp.h", "sim/ppc/hw_register.c", "sim/ppc/hw_init.c",
"sim/ppc/sim-endian-n.h", "sim/ppc/filter_filename.c",
"sim/ppc/bits.c", "sim/ppc/idecode_fields.h", "sim/ppc/hw_memory.c",
"sim/ppc/misc.c", "sim/ppc/double.c", "sim/ppc/psim.h",
"sim/ppc/hw_trace.c", "sim/ppc/emul_netbsd.h", "sim/ppc/psim.c",
"sim/ppc/ppc-instructions", "sim/ppc/tree.h", "sim/ppc/README",
"sim/ppc/gen-icache.h", "sim/ppc/gen-model.h", "sim/ppc/ld-cache.h",
"sim/ppc/mon.c", "sim/ppc/corefile.h", "sim/ppc/vm.c",
"sim/ppc/INSTALL", "sim/ppc/gen-model.c", "sim/ppc/hw_cpu.c",
"sim/ppc/corefile.c", "sim/ppc/hw_opic.c", "sim/ppc/gen-icache.c",
"sim/ppc/events.h", "sim/ppc/os_emul.c", "sim/ppc/emul_generic.c",
"sim/ppc/main.c", "sim/ppc/hw_com.c", "sim/ppc/gen-semantic.c",
"sim/ppc/emul_bugapi.c", "sim/ppc/device.c", "sim/ppc/emul_generic.h",
"sim/ppc/tree.c", "sim/ppc/mon.h", "sim/ppc/interrupts.h",
"sim/ppc/cap.c", "sim/ppc/cpu.c", "sim/ppc/hw_phb.h",
"sim/ppc/device_table.c", "sim/ppc/lf.c", "sim/ppc/lf.c",
"sim/ppc/dc-stupid", "sim/ppc/hw_pal.c", "sim/ppc/ppc-spr-table",
"sim/ppc/emul_unix.h", "sim/ppc/words.h", "sim/ppc/basics.h",
"sim/ppc/hw_htab.c", "sim/ppc/lf.h", "sim/ppc/ld-decode.c",
"sim/ppc/sim-endian.c", "sim/ppc/gen-itable.c",
"sim/ppc/idecode_expression.h", "sim/ppc/table.h", "sim/ppc/dgen.c",
"sim/ppc/events.c", "sim/ppc/gen-idecode.h", "sim/ppc/emul_netbsd.c",
"sim/ppc/igen.c", "sim/ppc/vm_n.h", "sim/ppc/vm.h",
"sim/ppc/hw_iobus.c", "sim/ppc/inline.h",
"sim/testsuite/sim/bfin/s21.s", "sim/testsuite/sim/mips/mips32-dsp2.s",
)

if __name__ == "__main__":
    main()

```

## 1.149 libpcap 1.6.2

### 1.149.1 Available under license :

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## 1.150 sqlite 3.8.10.2

## 1.151 xz 5.2.1

### 1.151.1 Available under license :

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=====

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## 1.153 libtirpc 0.2.5

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## 1.155 autogen 4.2.6p2

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# 1.156 procps 3.3.10

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```
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```
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```

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```
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=====

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# 1.159 curl 7.37.1

## 1.159.1 Available under license :

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```
" entered and should be one of 'clear', 'safe', 'confidential', or\n"
" It is a proprietary protocol, reverse-engineered by clever peo-\n"
```

Found in path(s):

```
* /opt/cola/permits/1125562276_1612913095.6/0/curl-7-37-1-tar-
gz/nobackup/udayb/sky2/bitbake_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-
7.37.1/src/tool_hugehelp.c
```

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```
:MaxApplZone();
:MoreMasters();
```

Found in path(s):

\*

No license file was found, but licenses were detected in source scan.

```
/******
```

\*

```
* Project      _ _ _ _ _
*              _||| | _||
*              / _||| | ||
*              | (| | | _ <| |
*              \_||_|/| \_|
```

\*

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Found in path(s):

\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/version.h

No license file was found, but licenses were detected in source scan.

/\*

```

*
* Project      _ _ _ _ _
*              _||| | _||
*              / _||| | ||
*              | (| | | _ <| |
*              \_||_||_||_||

```

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\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_paramhlp.h

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\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-

gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_hugehelp.h  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_cb\_dbg.c  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_operhlp.h  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_main.c  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_doswin.c  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_setopt.h  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_doswin.h  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_operhlp.c  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_setopt.c  
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\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_msgs.c  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_cfgable.c  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_getparam.h  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_strdup.c  
\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-7.37.1/src/tool\_help.c  
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\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-  
gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-  
7.37.1/src/tool\_version.h

No license file was found, but licenses were detected in source scan.

/\* =====

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===== \*/

Found in path(s):

\* /opt/cola/permits/1125562276\_1612913095.6/0/curl-7-37-1-tar-  
gz/nobackup/udayb/sky2/bitbake\_build/tmp/work/x86-wrsmlib32-linux/lib32-curl/7.37.1-r0/curl-  
7.37.1/src/macos/src/macos\_main.cpp

# 1.160 bzip2 1.0.6

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Julian Seward, Cambridge, UK.

[jseward@acm.org](mailto:jseward@acm.org)

bzip2/libbzip2 version 1.0.2 of 30 December 2001

/\*

minibz2

libbz2.dll test program.

by Yoshioka Tsuneo ([tsuneo@rr.iij4u.or.jp](mailto:tsuneo@rr.iij4u.or.jp))

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```

usage: minibz2 [-d] [-{1,2,..9}] [[srcfilename] destfilename]
*/
%%CreationDate: Wed Dec 22 1999
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regardless of the conditions or license applying to the document itself.) readonly def
/Copyright (Copyright (URW)++,Copyright 1999 by (URW)++ Design & Development) readonly def

```

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## 1.162 jcommon 0.7.2

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```
.  
nameLjava/lang/String;email<init>'(Ljava/lang/String;Ljava/lang/String;)VCodegetName()Ljava/lang/String;getEmail  
ail "com/jrefinery/ui/about/Contributorjava/lang/Object()V!
```

```
**+*,  
*  
*  
.
```

```
GPLLjava/lang/String;  
ConstantValueLGPL<init>()VCode  
com/jrefinery/ui/about/Licencesjava/lang/ObjectDGNU GENERAL PUBLIC LICENSE
```

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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!  
\*

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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```
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## Constant-time SSSE3 AES core implementation.  
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## 1.164 sudo 1.8.14

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Ackeret, Matt  
Adler, Mark  
Allbery, Russ  
Anderson, Jamie  
Andrew, Nick  
Andric, Dimitry  
Barron, Danny  
Bates, Tom  
Behan, Zdenk  
Bellis, Ray  
Benali, Elias  
Beverly, Jamie  
Boardman, Spider  
Bostley, P.J.  
Bowes, Keith  
Boyce, Keith Garry  
Brantley, Michael  
Braun, Rob  
Bezina, Pavel  
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Brown, Jerry  
Burr, Michael E  
Bussjaeger, Andreas  
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Campbell, Aaron  
Chazelas, Stephane  
ek, Vtislav  
Coleman, Chris  
Corzine, Deven T.  
Cusack, Frank  
Dai, Wei

Dill, David  
Earickson, Jeff  
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Edgington, Ben  
Esipovich, Marc  
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Faigon, Ariel  
Farrell, Brian  
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G., Daniel Richard  
Gailly, Jean-loup  
Gelman, Stephen  
Gerraty, Simon J.  
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Guillory, B.  
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Henke, Joachim  
Hideaki, YOSHIFUJI  
Hieb, Dave  
Holloway, Nick  
Hoover, Adam  
Hunter, Michael T.  
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Jackson, John R.  
Jackson, Richard L., Jr.  
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Jorge, Joel Pele  
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Kadow, Kevin  
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Levin, Dmitry V.  
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Lobbes, Phillip E.  
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Wieringen, Marco van  
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The following people have worked to translate sudo into other languages:

Blttermann, Mario  
Bogusz, Jakub  
Casagrande, Milo  
Castro, Felipe  
Chornoivan, Yuri  
Diguez, Francisco  
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Gezer, Volkan  
Hamasaki, Takeshi  
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=====

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

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# 1.167 ncftp 3.2.2

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# 1.168 audit 3.12.gf885037

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## 1.169 elfutils 0.163

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Version 3, 29 June 2007

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Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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\*/

Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

\*/

/\*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version
  
- trivial database library - private includes
- 
- Copyright (C) Andrew Tridgell            2005
- + Copyright (C) Andrew Tridgell            1999-2005
- + Copyright (C) Jeremy Allison            2000-2006
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Theodore Ts'o  
23-June-2007

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That's all there is to it!

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
[tsx-11.mit.edu:/pub/linux/packages/ext2fs/](http://tsx-11.mit.edu:/pub/linux/packages/ext2fs/)

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#

# This is a Makefile stub which handles the creation of BSD shared  
# libraries.

#

# In order to use this stub, the following makefile variables must be defined.

#

# BSDLIB\_VERSION = 1.0

# BSDLIB\_IMAGE = libce

# BSDLIB\_MYDIR = et

# BSDLIB\_INSTALL\_DIR = \$(SHLIBDIR)

#

all:: image

real-subdirs:: Makefile

@echo " MKDIR pic"

@mkdir -p pic

BSD\_LIB = \$(BSDLIB\_IMAGE).so.\$(BSDLIB\_VERSION)

BSDLIB\_PIC\_FLAG = -fpic

image: \$(BSD\_LIB)

\$(BSD\_LIB): \$(OBJS)

(cd pic; ld -Bshareable -o \$(BSD\_LIB) \$(LDFLAGS\_SHLIB) \$(OBJS))

\$(MV) pic/\$(BSD\_LIB) .

\$(RM) -f ../\$(BSD\_LIB)

(cd ..; \$(LN) \$(LINK\_BUILD\_FLAGS) \

`echo \$(my\_dir) | sed -e 's;lib/;;'"/\$(BSD\_LIB) \$(BSD\_LIB))

install-shlibs install:: \$(BSD\_LIB)

```
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)
```

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::

```
$(RM) -f $(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

clean::

```
$(RM) -rf pic
```

```
$(RM) -f $(BSD_LIB)
```

```
$(RM) -f ../$(BSD_LIB)
```

This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
[tsx-11.mit.edu/pub/linux/packages/ext2fs/](http://tsx-11.mit.edu/pub/linux/packages/ext2fs/)

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Gadi Oxman, August 1995

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```

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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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# 1.172 gmp 6.0.0

## 1.172.1 Available under license :

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Version 2, June 1991

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<signature of Ty Coon>, 1 April 1989

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## 1.173 perl 5.22.0

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## 1.174 busybox 1.19.4

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bzip2/libbzip2 version 1.0.4 of 20 December 2006

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## 1.178 unimrcp 1.10.1

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GNU GPL notice added in current Subversion repository, will be in file for 0.99.3.

snprintf.h:

no longer used, according to wireshark-dev@, but it was under GPL like .c

message-id: <c9a3e4540607200322j2225fdf8q8687b1b1fd13543a@mail.gmail.com>

/\* <filename>.c

\*

\* \$Id: gpl-template.txt 43536 2012-06-28 22:56:06Z darkjames \$

\*

\* Wireshark - Network traffic analyzer

\* By Gerald Combs <gerald@wireshark.org>

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\$Id: LICENSE.txt 19708 2006-10-26 16:39:34Z jmayer \$

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\$Id: COPYING-CMAKE-SCRIPTS 34248 2010-09-25 15:38:12Z jmayer \$

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```

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```
Gnomovision version 69, Copyright (C) year 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.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'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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Description: Change location of license file in about dialog

Forwarded: not-needed

Author: Frederic Peters <fpeters@debian.org>

```
--- a/ui/qt/about_dialog.cpp
+++ b/ui/qt/about_dialog.cpp
@@ -335,7 +335,7 @@
#ifdef _WIN32
    f_license.setFileName(get_datafile_path("COPYING.txt"));
#else
-   f_license.setFileName(get_datafile_path("COPYING"));
+   f_license.setFileName(get_datafile_path("ABOUT.GPL"));
#endif
```

```
    f_license.open(QFile::ReadOnly | QFile::Text);
```

Installing Wireshark on FreeBSD/OpenBSD/NetBSD/DragonFly BSD

=====

1. Extra packages required
2. Compiling Wireshark
3. Berkeley Packet Filter (BPF) requirement
4. Running Wireshark as a non-root user

1. Extra packages required

-----

Wireshark requires a number of additional programs to function.

Install the latest versions of the following programs before compiling:

The easiest way to install these is by using your operating system's

ports or packages system. If you prefer to build from source, the programs can be found at the following sites:

glib 2.32 or later:

[ftp.gnome.org/pub/gnome/sources/glib/](ftp://ftp.gnome.org/pub/gnome/sources/glib/)  
<http://ftp.gnome.org/pub/gnome/sources/glib/>

pkgconfig:

<http://pkgconfig.freedesktop.org/releases/>

python 3.4 or later:

<https://www.python.org/downloads/source/>

If you want to use the Wireshark GUI, install one or both of these toolkits:

Qt 5.2 or later:

[http://download.qt-project.org/official\\_releases/qt/](http://download.qt-project.org/official_releases/qt/)

(These programs may require additional dependencies)

Additional programs can be used to enhance Wireshark's functionality. These can be found by typing `./configure --help` or looking at the output at the end of running the configure script.

## 2. Compiling Wireshark

-----  
To compile Wireshark with the default options, run `configure`, `make` and `make install` (you may have to run "`autogen.sh`" first):

```
./configure
make
make install
```

The `configure` and `make` steps can be run as a non-root user and you can run Wireshark from the compilation directory itself. You must run `make install` as root in order to copy the program to the proper directories.

## 3. Berkeley Packet Filter (BPF) requirement

-----  
In order to capture packets (with Wireshark/TShark, `tcpdump`, or any other packet capture program) on a BSD system, your kernel must have the Berkeley Packet Filter mechanism enabled. The default kernel configurations in recent versions of BSD systems have this enabled already. To verify the `bpf` device is present, look in the `/dev` directory:

```
ls -l /dev/bpf*
```

You should see one or more bpf devices listed similar to this:

```
crw----- 1 root wheel  0, 90 Aug 10 21:05 /dev/bpf0
crw----- 1 root wheel  0, 91 Aug 10 21:05 /dev/bpf1
```

Packet-capturing programs will pick the first bpf device that's not in use. Recent versions of most BSDs will create bpf devices as needed, so you don't have to configure the number of devices that will be available.

#### 4. Running wireshark as a non-root user

-----  
Since the bpf devices are read-only by the owner (root), you normally have to run packet capturing programs such as Wireshark as root. It is safer to run programs as a non-root user if possible. To run Wireshark as a non-root user, you must change the permissions on the bpf device(s). If you are the only user that needs to use Wireshark, the easiest way is to change the owner of each bpf device to your username. You can also add the read/write ability to the group (typically wheel) and add users that need to use Wireshark to the wheel group. Check your operating system's documentation on how to make permanent these changes as they are often reset upon reboot; if /dev is implemented with devfs, it might be possible to configure devfs to create all bpf devices owned by a particular user and/or group and with particular permissions. In FreeBSD 6.0 and later this can be done by creating an /etc/devfs.rules file with content such as

```
[localrules=10]
add path 'bpf*' {mode and permissions}
```

where "mode and permissions" can include clauses such as

```
mode {octal permissions}
```

to set the permissions on the device (e.g., "mode 0660" to set the permissions to rw-rw-r--),

```
user {user}
```

to set the user who owns the device, or

```
group {group}
```

to set the group that owns the device and adding a line such as

```
devfs_system_ruleset=localrules
```

to /etc/rc.conf. For example, an /etc/devfs.rules file with

```
[localrules=10]
add path 'bpf*' mode 0660 group wheel
```

will grant read and write permissions on all BPF devices to all users in the "wheel" group.

```
#!/usr/bin/env python
# Copyright (c) 2013 The Chromium Authors. All rights reserved.
#
# SPDX-License-Identifier: BSD-3-Clause
#
"""Makes sure that all files contain proper licensing information."""
```

```
import optparse
import os.path
import subprocess
import sys
```

```
def PrintUsage():
    print("""Usage: python checklicenses.py [--root <root>] [tocheck]
--root Specifies the repository root. This defaults to "." relative
      to the script file. This will be correct given the normal location
      of the script in "<root>/tools".

--ignore-suppressions Ignores path-specific license whitelist. Useful when
      trying to remove a suppression/whitelist entry.

tocheck Specifies the directory, relative to root, to check. This defaults
      to "." so it checks everything.
```

Examples:

```
python checklicenses.py
python checklicenses.py --root ~/chromium/src third_party""")
```

```
WHITELISTED_LICENSES = [
    'BSD',
    'BSD (2 clause)',
    'BSD (2 clause) GPL (v2 or later)',
    'BSD (3 clause)',
    'GPL (v2 or later)',
    'GPL (v3 or later) (with Bison parser exception)',
    'ISC',
```



```
'ISC GPL (v2 or later)',  
'LGPL (v2 or later)',  
'LGPL (v2.1 or later)',  
'MIT/X11 (BSD like)',  
'Public domain',  
'Public domain GPL (v2 or later)',  
'Public domain MIT/X11 (BSD like)',  
'zlib/libpng',  
'zlib/libpng GPL (v2 or later)',  
]
```

```
PATH_SPECIFIC_WHITELISTED_LICENSES = {
```

```
  'caputils/airpcap.h': [  
    'BSD-3-Clause',  
  ],  
  'wsutil/strnatcmp.c': [  
    'Zlib',  
  ],  
  'wsutil/strnatcmp.h': [  
    'Zlib',  
  ],  
  'dtds': [  
    'UNKNOWN',  
  ],  
  'diameter/dictionary.dtd': [  
    'UNKNOWN',  
  ],  
  'wimaxasncp/dictionary.dtd': [  
    'UNKNOWN',  
  ],  
  'doc/': [  
    'UNKNOWN',  
  ],  
  'docbook/custom_layer_chm.xml': [  
    'UNKNOWN',  
  ],  
  'docbook/custom_layer_single_html.xml': [  
    'UNKNOWN',  
  ],  
  'docbook/ws.css': [  
    'UNKNOWN',  
  ],  
  'fix': [  
    'UNKNOWN',  
  ],  
  'wsutil/g711.c': [  
    'UNKNOWN',  
  ],
```

```

],
'packaging/macosx': [
    'UNKNOWN',
],
'epan/except.c': [
    'UNKNOWN',
],
'epan/except.h': [
    'UNKNOWN',
],
'cmake/TestFileOffsetBits.c': [
    'UNKNOWN',
],
# Generated header files by lex/yacc/whatever
'epan/dtd_grammar.h': [
    'UNKNOWN',
],
'epan/dfilter/grammar.h': [
    'UNKNOWN',
],
'epan/dfilter/grammar.c': [
    'UNKNOWN',
],
],
'epan/dissectors/packet-ieee80211-radiotap-iter.': [ # Using ISC license only
    'ISC GPL (v2)'
],
'plugins/mate/mate_grammar.h': [
    'UNKNOWN',
],
'version.h': [
    'UNKNOWN',
],
# Special IDL license that appears to be compatible as far as I (not a
# lawyer) can tell. See
# https://www.wireshark.org/lists/wireshark-dev/201310/msg00234.html
'epan/dissectors/pidl/idl_types.h': [
    'UNKNOWN',
],
# Written by Ronnie Sahlberg and correctly licensed, but cannot include
# a license header despite the file extension as they need to be
# parsed by the pidl tool
'epan/dissectors/pidl/mapi/request.cnf.c': [
    'UNKNOWN',
],
'epan/dissectors/pidl/mapi/response.cnf.c': [
    'UNKNOWN',
],
# The following tools are under incompatible licenses (mostly GPLv3 or

```

```

# GPLv3+), but this is OK since they are not actually linked into Wireshark
'tools/pidl': [
    'UNKNOWN',
],
'tools/lemon': [
    'UNKNOWN',
],
'tools/licensecheck.pl': [
    'GPL (v2)'
],
# Generated files for GTK pixbuf binary bundling
'ui/gtk/wireshark-gresources.h': [
    'UNKNOWN',
],
'ui/gtk/wireshark-gresources.c': [
    'UNKNOWN',
],
}

```

```

def check_licenses(options, args):
# Figure out which directory we have to check.
if len(args) == 0:
    # No directory to check specified, use the repository root.
    start_dir = options.base_directory
elif len(args) == 1:
    # Directory specified. Start here. It's supposed to be relative to the
    # base directory.
    start_dir = os.path.abspath(os.path.join(options.base_directory, args[0]))
else:
    # More than one argument, we don't handle this.
    PrintUsage()
    return 1

```

```

print("Using base directory: %s" % options.base_directory)
print("Checking: %s" % start_dir)
print("")

```

```

licensecheck_path = os.path.abspath(os.path.join(options.base_directory,
                                                'tools',
                                                'licensecheck.pl'))

```

```

licensecheck = subprocess.Popen([licensecheck_path,
                                '-l', '150',
                                '-r', start_dir],
                                stdout=subprocess.PIPE,
                                stderr=subprocess.PIPE)
stdout, stderr = licensecheck.communicate()
if sys.version_info[0] >= 3:

```

```

    stdout = stdout.decode('utf-8')
    stderr = stderr.decode('utf-8')
if options.verbose:
    print('----- licensecheck stdout -----')
    print(stdout)
    print('----- end licensecheck stdout -----')
if licensecheck.returncode != 0 or stderr:
    print('----- licensecheck stderr -----')
    print(stderr)
    print('----- end licensecheck stderr -----')
    print("\nFAILED\n")
    return 1

success = True
exit_status = 0
for line in stdout.splitlines():
    filename, license = line.split(':', 1)
    filename = os.path.relpath(filename.strip(), options.base_directory)

    # All files in the build output directory are generated one way or another.
    # There's no need to check them.
    if filename.startswith('out/') or filename.startswith('sconsbuild/'):
        continue

    # For now we're just interested in the license.
    license = license.replace('*No copyright*', "").strip()

    # Skip generated files.
    if 'GENERATED FILE' in license:
        continue

    # Support files which provide a choice between licenses.
    if any(item in WHITELISTED_LICENSES for item in license.split(';')):
        continue

    if not options.ignore_suppressions:
        found_path_specific = False
        for prefix in PATH_SPECIFIC_WHITELISTED_LICENSES:
            if (filename.startswith(prefix) and
                license in PATH_SPECIFIC_WHITELISTED_LICENSES[prefix]):
                found_path_specific = True
                break
        if found_path_specific:
            continue

    reason = ""%s' has non-whitelisted license '%s'" % (filename, license)
    success = False
    print(reason)

```

```

exit_status = 1

if success:
    print("\nSUCCESS\n")
    return 0
else:
    print("\nFAILED\n")
    return exit_status

def main():
    default_root = os.path.abspath(
        os.path.join(os.path.dirname(__file__), '..'))
    option_parser = optparse.OptionParser()
    option_parser.add_option('--root', default=default_root,
                             dest='base_directory',
                             help='Specifies the repository root. This defaults '
                             'to "../.." relative to the script file, which '
                             'will normally be the repository root.')
    option_parser.add_option('-v', '--verbose', action='store_true',
                             default=False, help='Print debug logging')
    option_parser.add_option('--ignore-suppressions',
                             action='store_true',
                             default=False,
                             help='Ignore path-specific license whitelist.')
    options, args = option_parser.parse_args()
    return check_licenses(options, args)

if '__main__' == __name__:
    sys.exit(main())
/* <filename>.c
*
* Wireshark - Network traffic analyzer
* By Gerald Combs <gerald@wireshark.org>
* Copyright 1998 Gerald Combs
*
* SPDX-License-Identifier: GPL-2.0-or-later
*/
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: Wireshark
Source: https://www.wireshark.org/
Files-Excluded: debian

Files: *
Copyright: Gerald Combs <gerald@wireshark.org> and contributors
Comment: Wireshark and the "fin" logo are trademarks of Gerald Combs.
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```

Files: debian/\*

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wiretap/erf.h

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# 1.180 gzip 1.6

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To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is

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system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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

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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

That's all there is to it!

## 1.184 vim 7.4.481

### 1.184.1 Available under license :

\*uganda.txt\* For Vim version 8.2. Last change: 2019 Dec 07

VIM REFERENCE MANUAL by Bram Moolenaar

\*uganda\* \*Uganda\* \*copying\* \*copyright\* \*license\*

SUMMARY

\*iccf\* \*ICCF\*

Vim is Charityware. You can use and copy it as much as you like, but you are encouraged to make a donation for needy children in Uganda. Please see |kcc| below or visit the ICCF web site, available at these URLs:

<http://iccf-holland.org/>

<http://www.vim.org/iccf/>

<http://www.iccf.nl/>

You can also sponsor the development of Vim. Vim sponsors can vote for features. See |sponsor|. The money goes to Uganda anyway.

The Open Publication License applies to the Vim documentation, see |manual-copyright|.

==== begin of license ====

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I) There are no restrictions on distributing unmodified copies of Vim except that they must include this license text. You can also distribute unmodified parts of Vim, likewise unrestricted except that they must include this license text. You are also allowed to include executables that you made from the unmodified Vim sources, plus your own usage examples and Vim scripts.

II) It is allowed to distribute a modified (or extended) version of Vim, including executables and/or source code, when the following four conditions are met:

1) This license text must be included unmodified.

2) The modified Vim must be distributed in one of the following five ways:

a) If you make changes to Vim yourself, you must clearly describe in the distribution how to contact you. When the maintainer asks you (in any way) for a copy of the modified Vim you distributed, you must make your changes, including source code, available to the maintainer without fee. The maintainer reserves the right to include your changes in the official version of Vim. What the maintainer will do with your changes and under what license they will be distributed is negotiable. If there has been no negotiation then this license, or a later version, also applies to your changes. The current maintainer is Bram Moolenaar <Bram@vim.org>. If this changes it will be announced in appropriate places (most likely vim.sf.net, www.vim.org and/or comp.editors). When it is completely impossible to contact the maintainer, the obligation to send him your changes ceases. Once the maintainer has confirmed that he has received your changes they will not have to be sent again.

b) If you have received a modified Vim that was distributed as mentioned under a) you are allowed to further distribute it unmodified, as mentioned at I). If you make additional changes the text under a) applies to those changes.

c) Provide all the changes, including source code, with every copy of the modified Vim you distribute. This may be done in the form of a context diff. You can choose what license to use for new code you add. The changes and their license must not restrict others from making their own changes to the official version of Vim.

d) When you have a modified Vim which includes changes as mentioned under c), you can distribute it without the source code for the changes if the following three conditions are met:

- The license that applies to the changes permits you to distribute the changes to the Vim maintainer without fee or restriction, and permits the Vim maintainer to include the changes in the official version of Vim without fee or restriction.
- You keep the changes for at least three years after last distributing the corresponding modified Vim. When the maintainer or someone who you distributed the modified Vim to asks you (in any way) for the changes within this period, you must make them

available to him.

- You clearly describe in the distribution how to contact you. This contact information must remain valid for at least three years after last distributing the corresponding modified Vim, or as long as possible.
  - e) When the GNU General Public License (GPL) applies to the changes, you can distribute the modified Vim under the GNU GPL version 2 or any later version.
- 3) A message must be added, at least in the output of the ":version" command and in the intro screen, such that the user of the modified Vim is able to see that it was modified. When distributing as mentioned under 2)e) adding the message is only required for as far as this does not conflict with the license used for the changes.
  - 4) The contact information as required under 2)a) and 2)d) must not be removed or changed, except that the person himself can make corrections.

III) If you distribute a modified version of Vim, you are encouraged to use the Vim license for your changes and make them available to the maintainer, including the source code. The preferred way to do this is by e-mail or by uploading the files to a server and e-mailing the URL. If the number of changes is small (e.g., a modified Makefile) e-mailing a context diff will do. The e-mail address to be used is  
<maintainer@vim.org>

IV) It is not allowed to remove this license from the distribution of the Vim sources, parts of it or from a modified version. You may use this license for previous Vim releases instead of the license that they came with, at your option.

=== end of license ===

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.
- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.
- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.
- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.

- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.
- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED\_BY define.

=====

Kibaale Children's Centre \*kcc\* \*Kibaale\* \*charity\*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

\*donate\*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Furthermore, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:

Kibaale Children's Centre  
p.o. box 1658  
Masaka, Uganda, East Africa

Sending money: \*iccf-donations\*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.

Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for

another way to get you an IRS tax receipt.  
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.  
Kibaale Children's Fund c/o Pacific Academy  
10238-168 Street  
Surrey, B.C. V4N 1Z4  
Canada  
Phone: 604-581-5353  
If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse.  
This will allow for tax deduction if you live in Holland.  
Postbank, nr. 4548774  
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return.  
Check the ICCF web site for the latest information:  
<http://iccf-holland.org/germany.html>

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.  
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[https://www.paypal.com/en\\_US/mrb/pal=XAC62PML3GF8Q](https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q)  
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Bram@iccf-holland.org  
For amounts above 400 Euro (\$500) sending a check is preferred.



Others: Transfer to one of these accounts if possible:

Postbank, account 4548774

Swift code: INGB NL 2A

IBAN: NL95 INGB 0004 5487 74

under the name "stichting ICCF Holland", Lisse

If that doesn't work:

Rabobank Lisse, account 3765.05.117

Swift code: RABO NL 2U

under the name "Bram Moolenaar", Lisse

Otherwise, send a check in euro or US dollars to the address below. Minimal amount: \$70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:

Bram Moolenaar

Finsterruetihof 1

8134 Adliswil

Switzerland

This address is expected to be valid for a long time.

vim:tw=78:ts=8:noet:ft=help:norl:

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Version 2.1, February 1999

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# 1.186 linux-kernel 4.1.21

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```
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```

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bigfoot <bigfoot@net-way.net>  
Ragnar Hojland Espinosa <ragnar@macula.net>  
ConferenceTV card

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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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```

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\* along with this program; if not, write to the Free Software  
\* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.  
\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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(in case you are wondering where CyberLogin is, EON changed its login  
procedure and CyberLogin is no longer used.)

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for the or51211 and or51132 frontend drivers, and  
for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

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## 1.190 inotify-tools 3.14

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[However, none of that term is relevant at this point in time. All of these restrictively licenced software components which he talks about have been removed from OpenSSH, i.e.,

- RSA is no longer included, found in the OpenSSL library

- IDEA is no longer included, its use is deprecated

- DES is now external, in the OpenSSL library

- GMP is no longer used, and instead we call BN code from OpenSSL

- Zlib is now external, in a library

- The make-ssh-known-hosts script is no longer included

- TSS has been removed

- MD5 is now external, in the OpenSSL library

- RC4 support has been replaced with ARC4 support from OpenSSL

- Blowfish is now external, in the OpenSSL library

[The licence continues]

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\* @version 3.0 (December 2000)

\*

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

\*

\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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```

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```
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/*
```

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Bellingham, WA 98226-9062

\*\*\*\*\*/

```
#include <stdio.h>
#include <config.h>
#include <number.h>
#include <assert.h>
#include <stdlib.h>
#include <string.h>
#include <ctype.h> /* Prototypes needed for external utility routines. */
```

```
#define bc_rt_warn rt_warn
#define bc_rt_error rt_error
#define bc_out_of_memory out_of_memory
```

```
_PROTOTYPE(void rt_warn, (char *mesg ,...));
_PROTOTYPE(void rt_error, (char *mesg ,...));
_PROTOTYPE(void out_of_memory, (void));
```

```
/* Storage used for special numbers. */
```

```
bc_num _zero_;
```

```
bc_num _one_;
```

```
bc_num _two_;
```

```

static bc_num _bc_Free_list = NULL;

/* new_num allocates a number and sets fields to known values. */

bc_num
bc_new_num (length, scale)
    int length, scale;
{
    bc_num temp;

    if (_bc_Free_list != NULL) {
        temp = _bc_Free_list;
        _bc_Free_list = temp->n_next;
    } else {
        temp = (bc_num) malloc (sizeof(bc_struct));
        if (temp == NULL) bc_out_of_memory ();
    }
    temp->n_sign = PLUS;
    temp->n_len = length;
    temp->n_scale = scale;
    temp->n_refs = 1;
    temp->n_ptr = (char *) malloc (length+scale);
    if (temp->n_ptr == NULL) bc_out_of_memory();
    temp->n_value = temp->n_ptr;
    memset (temp->n_ptr, 0, length+scale);
    return temp;
}

/* "Frees" a bc_num NUM. Actually decreases reference count and only
   frees the storage if reference count is zero. */

void
bc_free_num (num)
    bc_num *num;
{
    if (*num == NULL) return;
    (*num)->n_refs--;
    if ((*num)->n_refs == 0) {
        if ((*num)->n_ptr)
            free ((*num)->n_ptr);
        (*num)->n_next = _bc_Free_list;
        _bc_Free_list = *num;
    }
    *num = NULL;
}

```

```

/* Initialize the number package! */

void
bc_init_numbers ()
{
    _zero_ = bc_new_num (1,0);
    _one_ = bc_new_num (1,0);
    _one_->n_value[0] = 1;
    _two_ = bc_new_num (1,0);
    _two_->n_value[0] = 2;
}

/* Make a copy of a number! Just increments the reference count! */

bc_num
bc_copy_num (num)
    bc_num num;
{
    num->n_refs++;
    return num;
}

/* Initialize a number NUM by making it a copy of zero. */

void
bc_init_num (num)
    bc_num *num;
{
    *num = bc_copy_num (_zero_);
}

/* For many things, we may have leading zeros in a number NUM.
   _bc_rm_leading_zeros just moves the data "value" pointer to the
   correct place and adjusts the length. */

static void
_bc_rm_leading_zeros (num)
    bc_num num;
{
    /* We can move n_value to point to the first non zero digit! */
    while (*num->n_value == 0 && num->n_len > 1) {
        num->n_value++;
        num->n_len--;
    }
}

```

```
/* Compare two bc numbers. Return value is 0 if equal, -1 if N1 is less
   than N2 and +1 if N1 is greater than N2. If USE_SIGN is false, just
   compare the magnitudes. */
```

```
static int
```

```
_bc_do_compare (n1, n2, use_sign, ignore_last)
```

```
    bc_num n1, n2;
```

```
    int use_sign;
```

```
    int ignore_last;
```

```
{
```

```
char *n1ptr, *n2ptr;
```

```
int count;
```

```
/* First, compare signs. */
```

```
if (use_sign && n1->n_sign != n2->n_sign)
```

```
{
```

```
    if (n1->n_sign == PLUS)
```

```
return (1); /* Positive N1 > Negative N2 */
```

```
    else
```

```
return (-1); /* Negative N1 < Positive N1 */
```

```
}
```

```
/* Now compare the magnitude. */
```

```
if (n1->n_len != n2->n_len)
```

```
{
```

```
    if (n1->n_len > n2->n_len)
```

```
{
```

```
/* Magnitude of n1 > n2. */
```

```
if (!use_sign || n1->n_sign == PLUS)
```

```
    return (1);
```

```
else
```

```
    return (-1);
```

```
}
```

```
    else
```

```
{
```

```
/* Magnitude of n1 < n2. */
```

```
if (!use_sign || n1->n_sign == PLUS)
```

```
    return (-1);
```

```
else
```

```
    return (1);
```

```
}
```

```
}
```

```
/* If we get here, they have the same number of integer digits.
```

```
   check the integer part and the equal length part of the fraction. */
```

```
count = n1->n_len + MIN (n1->n_scale, n2->n_scale);
```

```
n1ptr = n1->n_value;
```

```

n2ptr = n2->n_value;

while ((count > 0) && (*n1ptr == *n2ptr))
{
    n1ptr++;
    n2ptr++;
    count--;
}
if (ignore_last && count == 1 && n1->n_scale == n2->n_scale)
    return (0);
if (count != 0)
{
    if (*n1ptr > *n2ptr)
    {
        /* Magnitude of n1 > n2. */
        if (!use_sign || n1->n_sign == PLUS)
            return (1);
        else
            return (-1);
    }
    else
    {
        /* Magnitude of n1 < n2. */
        if (!use_sign || n1->n_sign == PLUS)
            return (-1);
        else
            return (1);
    }
}

/* They are equal up to the last part of the equal part of the fraction. */
if (n1->n_scale != n2->n_scale)
{
    if (n1->n_scale > n2->n_scale)
    {
        for (count = n1->n_scale-n2->n_scale; count>0; count--)
            if (*n1ptr++ != 0)
            {
                /* Magnitude of n1 > n2. */
                if (!use_sign || n1->n_sign == PLUS)
                    return (1);
                else
                    return (-1);
            }
    }
    else
    {
        for (count = n2->n_scale-n1->n_scale; count>0; count--)

```

```

    if (*n2ptr++ != 0)
    {
        /* Magnitude of n1 < n2. */
        if (!use_sign || n1->n_sign == PLUS)
            return (-1);
        else
            return (1);
    }
}

/* They must be equal! */
return (0);
}

/* This is the "user callable" routine to compare numbers N1 and N2. */

int
bc_compare (n1, n2)
    bc_num n1, n2;
{
    return _bc_do_compare (n1, n2, TRUE, FALSE);
}

/* In some places we need to check if the number is negative. */

char
bc_is_neg (num)
    bc_num num;
{
    return num->n_sign == MINUS;
}

/* In some places we need to check if the number NUM is zero. */

char
bc_is_zero (num)
    bc_num num;
{
    int count;
    char *nptr;

    /* Quick check. */
    if (num == _zero_) return TRUE;

    /* Initialize */
    count = num->n_len + num->n_scale;

```

```

nptr = num->n_value;

/* The check */
while ((count > 0) && (*nptr++ == 0)) count--;

if (count != 0)
    return FALSE;
else
    return TRUE;
}

/* In some places we need to check if the number NUM is almost zero.
Specifically, all but the last digit is 0 and the last digit is 1.
Last digit is defined by scale. */

char
bc_is_near_zero (num, scale)
    bc_num num;
    int scale;
{
int count;
char *nptr;

/* Error checking */
if (scale > num->n_scale)
    scale = num->n_scale;

/* Initialize */
count = num->n_len + scale;
nptr = num->n_value;

/* The check */
while ((count > 0) && (*nptr++ == 0)) count--;

if (count != 0 && (count != 1 || *--nptr != 1))
    return FALSE;
else
    return TRUE;
}

/* Perform addition: N1 is added to N2 and the value is
returned. The signs of N1 and N2 are ignored.
SCALE_MIN is to set the minimum scale of the result. */

static bc_num
_bc_do_add (n1, n2, scale_min)
    bc_num n1, n2;

```



```

    int scale_min;
{
    bc_num sum;
    int sum_scale, sum_digits;
    char *n1ptr, *n2ptr, *sumptr;
    int carry, n1bytes, n2bytes;
    int count;

    /* Prepare sum. */
    sum_scale = MAX (n1->n_scale, n2->n_scale);
    sum_digits = MAX (n1->n_len, n2->n_len) + 1;
    sum = bc_new_num (sum_digits, MAX(sum_scale, scale_min));

    /* Zero extra digits made by scale_min. */
    if (scale_min > sum_scale)
    {
        sumptr = (char *) (sum->n_value + sum_scale + sum_digits);
        for (count = scale_min - sum_scale; count > 0; count--)
            *sumptr++ = 0;
    }

    /* Start with the fraction part. Initialize the pointers. */
    n1bytes = n1->n_scale;
    n2bytes = n2->n_scale;
    n1ptr = (char *) (n1->n_value + n1->n_len + n1bytes - 1);
    n2ptr = (char *) (n2->n_value + n2->n_len + n2bytes - 1);
    sumptr = (char *) (sum->n_value + sum_scale + sum_digits - 1);

    /* Add the fraction part. First copy the longer fraction.*/
    if (n1bytes != n2bytes)
    {
        if (n1bytes > n2bytes)
            while (n1bytes > n2bytes)
                { *sumptr-- = *n1ptr--; n1bytes--;}
            else
                while (n2bytes > n1bytes)
                    { *sumptr-- = *n2ptr--; n2bytes--;}
    }

    /* Now add the remaining fraction part and equal size integer parts. */
    n1bytes += n1->n_len;
    n2bytes += n2->n_len;
    carry = 0;
    while ((n1bytes > 0) && (n2bytes > 0))
    {
        *sumptr = *n1ptr-- + *n2ptr-- + carry;
        if (*sumptr > (BASE-1))
        {

```

```

    carry = 1;
    *sumptr -= BASE;
}
else
carry = 0;
    sumptr--;
    n1bytes--;
    n2bytes--;
}

/* Now add carry the longer integer part. */
if (n1bytes == 0)
    { n1bytes = n2bytes; n1ptr = n2ptr; }
while (n1bytes-- > 0)
    {
        *sumptr = *n1ptr-- + carry;
        if (*sumptr > (BASE-1))
        {
            carry = 1;
            *sumptr -= BASE;
        }
        else
carry = 0;
        sumptr--;
    }

/* Set final carry. */
if (carry == 1)
    *sumptr += 1;

/* Adjust sum and return. */
_bc_rm_leading_zeros (sum);
return sum;
}

/* Perform subtraction: N2 is subtracted from N1 and the value is
returned. The signs of N1 and N2 are ignored. Also, N1 is
assumed to be larger than N2. SCALE_MIN is the minimum scale
of the result. */

static bc_num
_bc_do_sub (n1, n2, scale_min)
    bc_num n1, n2;
    int scale_min;
{
    bc_num diff;
    int diff_scale, diff_len;

```

```

int min_scale, min_len;
char *n1ptr, *n2ptr, *diffptr;
int borrow, count, val;

/* Allocate temporary storage. */
diff_len = MAX (n1->n_len, n2->n_len);
diff_scale = MAX (n1->n_scale, n2->n_scale);
min_len = MIN (n1->n_len, n2->n_len);
min_scale = MIN (n1->n_scale, n2->n_scale);
diff = bc_new_num (diff_len, MAX(diff_scale, scale_min));

/* Zero extra digits made by scale_min. */
if (scale_min > diff_scale)
{
    diffptr = (char *) (diff->n_value + diff_len + diff_scale);
    for (count = scale_min - diff_scale; count > 0; count--)
        *diffptr++ = 0;
}

/* Initialize the subtract. */
n1ptr = (char *) (n1->n_value + n1->n_len + n1->n_scale - 1);
n2ptr = (char *) (n2->n_value + n2->n_len + n2->n_scale - 1);
diffptr = (char *) (diff->n_value + diff_len + diff_scale - 1);

/* Subtract the numbers. */
borrow = 0;

/* Take care of the longer scaled number. */
if (n1->n_scale != min_scale)
{
    /* n1 has the longer scale */
    for (count = n1->n_scale - min_scale; count > 0; count--)
        *diffptr-- = *n1ptr--;
}
else
{
    /* n2 has the longer scale */
    for (count = n2->n_scale - min_scale; count > 0; count--)
    {
        val = - *n2ptr-- - borrow;
        if (val < 0)
        {
            val += BASE;
            borrow = 1;
        }
        else
            borrow = 0;
        *diffptr-- = val;
    }
}

```

```

}
}

/* Now do the equal length scale and integer parts. */

for (count = 0; count < min_len + min_scale; count++)
{
    val = *n1ptr-- - *n2ptr-- - borrow;
    if (val < 0)
    {
        val += BASE;
        borrow = 1;
    }
    else
        borrow = 0;
    *diffptr-- = val;
}

/* If n1 has more digits than n2, we now do that subtract. */
if (diff_len != min_len)
{
    for (count = diff_len - min_len; count > 0; count--)
    {
        val = *n1ptr-- - borrow;
        if (val < 0)
        {
            val += BASE;
            borrow = 1;
        }
        else
            borrow = 0;
        *diffptr-- = val;
    }
}

/* Clean up and return. */
_bc_rm_leading_zeros (diff);
return diff;
}

/* Here is the full subtract routine that takes care of negative numbers.
N2 is subtracted from N1 and the result placed in RESULT. SCALE_MIN
is the minimum scale for the result. */

void
bc_sub (n1, n2, result, scale_min)
    bc_num n1, n2, *result;

```

```

    int scale_min;
{
bc_num diff = NULL;
int cmp_res;
int res_scale;

if (n1->n_sign != n2->n_sign)
{
diff = _bc_do_add (n1, n2, scale_min);
diff->n_sign = n1->n_sign;
}
else
{
/* subtraction must be done. */
/* Compare magnitudes. */
cmp_res = _bc_do_compare (n1, n2, FALSE, FALSE);
switch (cmp_res)
{
case -1:
/* n1 is less than n2, subtract n1 from n2. */
diff = _bc_do_sub (n2, n1, scale_min);
diff->n_sign = (n2->n_sign == PLUS ? MINUS : PLUS);
break;
case 0:
/* They are equal! return zero! */
res_scale = MAX (scale_min, MAX(n1->n_scale, n2->n_scale));
diff = bc_new_num (1, res_scale);
memset (diff->n_value, 0, res_scale+1);
break;
case 1:
/* n2 is less than n1, subtract n2 from n1. */
diff = _bc_do_sub (n1, n2, scale_min);
diff->n_sign = n1->n_sign;
break;
}
}

/* Clean up and return. */
bc_free_num (result);
*result = diff;
}

/* Here is the full add routine that takes care of negative numbers.
N1 is added to N2 and the result placed into RESULT. SCALE_MIN
is the minimum scale for the result. */

void

```

```

bc_add (n1, n2, result, scale_min)
    bc_num n1, n2, *result;
    int scale_min;
{
bc_num sum = NULL;
int cmp_res;
int res_scale;

if (n1->n_sign == n2->n_sign)
{
    sum = _bc_do_add (n1, n2, scale_min);
    sum->n_sign = n1->n_sign;
}
else
{
    /* subtraction must be done. */
    cmp_res = _bc_do_compare (n1, n2, FALSE, FALSE); /* Compare magnitudes. */
    switch (cmp_res)
    {
case -1:
        /* n1 is less than n2, subtract n1 from n2. */
        sum = _bc_do_sub (n2, n1, scale_min);
        sum->n_sign = n2->n_sign;
        break;
case 0:
        /* They are equal! return zero with the correct scale! */
        res_scale = MAX (scale_min, MAX(n1->n_scale, n2->n_scale));
        sum = bc_new_num (1, res_scale);
        memset (sum->n_value, 0, res_scale+1);
        break;
case 1:
        /* n2 is less than n1, subtract n2 from n1. */
        sum = _bc_do_sub (n1, n2, scale_min);
        sum->n_sign = n1->n_sign;
    }
}

/* Clean up and return. */
bc_free_num (result);
*result = sum;
}

/* Recursive vs non-recursive multiply crossover ranges. */
#if defined(MULDIGITS)
#include "muldigits.h"
#else
#define MUL_BASE_DIGITS 80
#endif

```

```

int mul_base_digits = MUL_BASE_DIGITS;
#define MUL_SMALL_DIGITS mul_base_digits/4

/* Multiply utility routines */

static bc_num
new_sub_num (length, scale, value)
    int length, scale;
    char *value;
{
    bc_num temp;

    if (_bc_Free_list != NULL) {
        temp = _bc_Free_list;
        _bc_Free_list = temp->n_next;
    } else {
        temp = (bc_num) malloc (sizeof(bc_struct));
        if (temp == NULL) bc_out_of_memory ();
    }
    temp->n_sign = PLUS;
    temp->n_len = length;
    temp->n_scale = scale;
    temp->n_refs = 1;
    temp->n_ptr = NULL;
    temp->n_value = value;
    return temp;
}

static void
_bc_simp_mul (bc_num n1, int n1len, bc_num n2, int n2len, bc_num *prod,
    int full_scale)
{
    char *n1ptr, *n2ptr, *pvptr;
    char *n1end, *n2end; /* To the end of n1 and n2. */
    int indx, sum, prodlen;

    prodlen = n1len+n2len+1;

    *prod = bc_new_num (prodlen, 0);

    n1end = (char *) (n1->n_value + n1len - 1);
    n2end = (char *) (n2->n_value + n2len - 1);
    pvptr = (char *) ((*prod)->n_value + prodlen - 1);
    sum = 0;

    /* Here is the loop... */
    for (indx = 0; indx < prodlen-1; indx++)

```

```

    {
        n1ptr = (char *) (n1end - MAX(0, indx-n2len+1));
        n2ptr = (char *) (n2end - MIN(indx, n2len-1));
        while ((n1ptr >= n1->n_value) && (n2ptr <= n2end))
sum += *n1ptr-- * *n2ptr++;
        *pvptr-- = sum % BASE;
        sum = sum / BASE;
    }
    *pvptr = sum;
}

/* A special adder/subtractor for the recursive divide and conquer
multiply algorithm. Note: if sub is called, accum must
be larger than what is being subtracted. Also, accum and val
must have n_scale = 0. (e.g. they must look like integers. *) */
static void
_bc_shift_addsub (bc_num accum, bc_num val, int shift, int sub)
{
    signed char *accp, *valp;
    int count, carry;

    count = val->n_len;
    if (val->n_value[0] == 0)
        count--;
    assert (accum->n_len+accum->n_scale >= shift+count);

    /* Set up pointers and others */
    accp = (signed char *) (accum->n_value +
        accum->n_len + accum->n_scale - shift - 1);
    valp = (signed char *) (val->n_value + val->n_len - 1);
    carry = 0;

    if (sub) {
        /* Subtraction, carry is really borrow. */
        while (count--) {
            *accp -= *valp-- + carry;
            if (*accp < 0) {
                carry = 1;
                *accp-- += BASE;
            } else {
                carry = 0;
            }
            accp--;
        }
        while (carry) {
            *accp -= carry;
            if (*accp < 0)

```



```

*accp-- += BASE;
    else
carry = 0;
}
} else {
/* Addition */
while (count--) {
    *accp += *valp-- + carry;
    if (*accp > (BASE-1)) {
carry = 1;
        *accp-- -= BASE;
    } else {
carry = 0;
accp--;
    }
}
while (carry) {
    *accp += carry;
    if (*accp > (BASE-1))
*accp-- -= BASE;
    else
carry = 0;
}
}
}

/* Recursive divide and conquer multiply algorithm.
Based on
Let u = u0 + u1*(b^n)
Let v = v0 + v1*(b^n)
Then uv = (B^2n+B^n)*u1*v1 + B^n*(u1-u0)*(v0-v1) + (B^n+1)*u0*v0

B is the base of storage, number of digits in u1,u0 close to equal.
*/
static void
_bc_rec_mul (bc_num u, int ulen, bc_num v, int vlen, bc_num *prod,
            int full_scale)
{
    bc_num u0, u1, v0, v1;
    int u0len, v0len;
    bc_num m1, m2, m3, d1, d2;
    int n, prodlen, m1zero;
    int d1len, d2len;

/* Base case? */
if ((ulen+vlen) < mul_base_digits
    || ulen < MUL_SMALL_DIGITS
    || vlen < MUL_SMALL_DIGITS ) {

```

```

_bc_simp_mul (u, ulen, v, vlen, prod, full_scale);
return;
}

/* Calculate n -- the u and v split point in digits. */
n = (MAX(ulen, vlen)+1) / 2;

/* Split u and v. */
if (ulen < n) {
    u1 = bc_copy_num (_zero_);
    u0 = new_sub_num (ulen,0, u->n_value);
} else {
    u1 = new_sub_num (ulen-n, 0, u->n_value);
    u0 = new_sub_num (n, 0, u->n_value+ulen-n);
}
if (vlen < n) {
    v1 = bc_copy_num (_zero_);
    v0 = new_sub_num (vlen,0, v->n_value);
} else {
    v1 = new_sub_num (vlen-n, 0, v->n_value);
    v0 = new_sub_num (n, 0, v->n_value+vlen-n);
}
_bc_rm_leading_zeros (u1);
_bc_rm_leading_zeros (u0);
u0len = u0->n_len;
_bc_rm_leading_zeros (v1);
_bc_rm_leading_zeros (v0);
v0len = v0->n_len;

m1zero = bc_is_zero(u1) || bc_is_zero(v1);

/* Calculate sub results ... */

bc_init_num(&d1);
bc_init_num(&d2);
bc_sub (u1, u0, &d1, 0);
d1len = d1->n_len;
bc_sub (v0, v1, &d2, 0);
d2len = d2->n_len;

/* Do recursive multiplies and shifted adds. */
if (m1zero)
    m1 = bc_copy_num (_zero_);
else
    _bc_rec_mul (u1, u1->n_len, v1, v1->n_len, &m1, 0);

if (bc_is_zero(d1) || bc_is_zero(d2))

```

```

    m2 = bc_copy_num (_zero_);
else
    _bc_rec_mul (d1, d1len, d2, d2len, &m2, 0);

if (bc_is_zero(u0) || bc_is_zero(v0))
    m3 = bc_copy_num (_zero_);
else
    _bc_rec_mul (u0, u0->n_len, v0, v0->n_len, &m3, 0);

/* Initialize product */
prodlen = ulen+vlen+1;
*prod = bc_new_num(prodlen, 0);

if (!m1zero) {
    _bc_shift_addsub (*prod, m1, 2*n, 0);
    _bc_shift_addsub (*prod, m1, n, 0);
}
_bc_shift_addsub (*prod, m3, n, 0);
_bc_shift_addsub (*prod, m3, 0, 0);
_bc_shift_addsub (*prod, m2, n, d1->n_sign != d2->n_sign);

/* Now clean up! */
bc_free_num (&u1);
bc_free_num (&u0);
bc_free_num (&v1);
bc_free_num (&m1);
bc_free_num (&v0);
bc_free_num (&m2);
bc_free_num (&m3);
bc_free_num (&d1);
bc_free_num (&d2);
}

/* The multiply routine. N2 times N1 is put int PROD with the scale of
the result being MIN(N2 scale+N1 scale, MAX (SCALE, N2 scale, N1 scale)).
*/

void
bc_multiply (n1, n2, prod, scale)
    bc_num n1, n2, *prod;
    int scale;
{
    bc_num pval;
    int len1, len2;
    int full_scale, prod_scale;

/* Initialize things. */
    len1 = n1->n_len + n1->n_scale;

```

```

len2 = n2->n_len + n2->n_scale;
full_scale = n1->n_scale + n2->n_scale;
prod_scale = MIN(full_scale,MAX(scale,MAX(n1->n_scale,n2->n_scale)));

/* Do the multiply */
_bc_rec_mul (n1, len1, n2, len2, &pval, full_scale);

/* Assign to prod and clean up the number. */
pval->n_sign = ( n1->n_sign == n2->n_sign ? PLUS : MINUS );
pval->n_value = pval->n_ptr;
pval->n_len = len2 + len1 + 1 - full_scale;
pval->n_scale = prod_scale;
_bc_rm_leading_zeros (pval);
if (bc_is_zero (pval))
    pval->n_sign = PLUS;
bc_free_num (prod);
*prod = pval;
}

/* Some utility routines for the divide: First a one digit multiply.
NUM (with SIZE digits) is multiplied by DIGIT and the result is
placed into RESULT. It is written so that NUM and RESULT can be
the same pointers. */

static void
_one_mult (num, size, digit, result)
    unsigned char *num;
    int size, digit;
    unsigned char *result;
{
    int carry, value;
    unsigned char *nptr, *rptr;

    if (digit == 0)
        memset (result, 0, size);
    else
        {
            if (digit == 1)
                memcpy (result, num, size);
            else
                {
                    /* Initialize */
                    nptr = (unsigned char *) (num+size-1);
                    rptr = (unsigned char *) (result+size-1);
                    carry = 0;

                    while (size-- > 0)
                        {

```

```

    value = *nptr-- * digit + carry;
    *rptr-- = value % BASE;
    carry = value / BASE;
}

if (carry != 0) *rptr = carry;
}
}
}

```

/\* The full division routine. This computes N1 / N2. It returns 0 if the division is ok and the result is in QUOT. The number of digits after the decimal point is SCALE. It returns -1 if division by zero is tried. The algorithm is found in Knuth Vol 2. p237. \*/

```

int
bc_divide (n1, n2, quot, scale)
    bc_num n1, n2, *quot;
    int scale;
{
    bc_num qval;
    unsigned char *num1, *num2;
    unsigned char *ptr1, *ptr2, *n2ptr, *qptr;
    int scale1, val;
    unsigned int len1, len2, scale2, qdigits, extra, count;
    unsigned int qdig, qguess, borrow, carry;
    unsigned char *mval;
    char zero;
    unsigned int norm;

    /* Test for divide by zero. */
    if (bc_is_zero (n2)) return -1;

    /* Test for divide by 1. If it is we must truncate. */
    if (n2->n_scale == 0)
    {
        if (n2->n_len == 1 && *n2->n_value == 1)
        {
            qval = bc_new_num (n1->n_len, scale);
            qval->n_sign = (n1->n_sign == n2->n_sign ? PLUS : MINUS);
            memset (&qval->n_value[n1->n_len], 0, scale);
            memcpy (qval->n_value, n1->n_value,
                n1->n_len + MIN(n1->n_scale, scale));
            bc_free_num (quot);
            *quot = qval;
        }
    }
}

```

```

/* Set up the divide. Move the decimal point on n1 by n2's scale.
   Remember, zeros on the end of num2 are wasted effort for dividing. */
scale2 = n2->n_scale;
n2ptr = (unsigned char *) n2->n_value+n2->n_len+scale2-1;
while ((scale2 > 0) && (*n2ptr-- == 0)) scale2--;

len1 = n1->n_len + scale2;
scale1 = n1->n_scale - scale2;
if (scale1 < scale)
    extra = scale - scale1;
else
    extra = 0;
num1 = (unsigned char *) malloc (n1->n_len+n1->n_scale+extra+2);
if (num1 == NULL) bc_out_of_memory();
memset (num1, 0, n1->n_len+n1->n_scale+extra+2);
memcpy (num1+1, n1->n_value, n1->n_len+n1->n_scale);

len2 = n2->n_len + scale2;
num2 = (unsigned char *) malloc (len2+1);
if (num2 == NULL) bc_out_of_memory();
memcpy (num2, n2->n_value, len2);
*(num2+len2) = 0;
n2ptr = num2;
while (*n2ptr == 0)
{
    n2ptr++;
    len2--;
}

/* Calculate the number of quotient digits. */
if (len2 > len1+scale)
{
    qdigits = scale+1;
    zero = TRUE;
}
else
{
    zero = FALSE;
    if (len2>len1)
qdigits = scale+1; /* One for the zero integer part. */
    else
qdigits = len1-len2+scale+1;
}

/* Allocate and zero the storage for the quotient. */
qval = bc_new_num (qdigits-scale,scale);
memset (qval->n_value, 0, qdigits);

```

```

/* Allocate storage for the temporary storage mval. */
mval = (unsigned char *) malloc (len2+1);
if (mval == NULL) bc_out_of_memory ();

/* Now for the full divide algorithm. */
if (!zero)
{
    /* Normalize */
    norm = 10 / ((int)*n2ptr + 1);
    if (norm != 1)
    {
        _one_mult (num1, len1+scale1+extra+1, norm, num1);
        _one_mult (n2ptr, len2, norm, n2ptr);
    }

    /* Initialize divide loop. */
    qdig = 0;
    if (len2 > len1)
    qptr = (unsigned char *) qval->n_value+len2-len1;
    else
    qptr = (unsigned char *) qval->n_value;

    /* Loop */
    while (qdig <= len1+scale-len2)
    {
        /* Calculate the quotient digit guess. */
        if (*n2ptr == num1[qdig])
            qguess = 9;
        else
            qguess = (num1[qdig]*10 + num1[qdig+1]) / *n2ptr;

        /* Test qguess. */
        if (n2ptr[1]*qguess >
            (num1[qdig]*10 + num1[qdig+1] - *n2ptr*qguess)*10
            + num1[qdig+2])
        {
            qguess--;
            /* And again. */
            if (n2ptr[1]*qguess >
                (num1[qdig]*10 + num1[qdig+1] - *n2ptr*qguess)*10
                + num1[qdig+2])
                qguess--;
        }

        /* Multiply and subtract. */
        borrow = 0;
        if (qguess != 0)

```

```

{
    *mval = 0;
    _one_mult (n2ptr, len2, qguess, mval+1);
    ptr1 = (unsigned char *) num1+qdig+len2;
    ptr2 = (unsigned char *) mval+len2;
    for (count = 0; count < len2+1; count++)
    {
        val = (int) *ptr1 - (int) *ptr2-- - borrow;
        if (val < 0)
        {
            val += 10;
            borrow = 1;
        }
        else
            borrow = 0;
        *ptr1-- = val;
    }
}

/* Test for negative result. */
if (borrow == 1)
{
    qguess--;
    ptr1 = (unsigned char *) num1+qdig+len2;
    ptr2 = (unsigned char *) n2ptr+len2-1;
    carry = 0;
    for (count = 0; count < len2; count++)
    {
        val = (int) *ptr1 + (int) *ptr2-- + carry;
        if (val > 9)
        {
            val -= 10;
            carry = 1;
        }
        else
            carry = 0;
        *ptr1-- = val;
    }
    if (carry == 1) *ptr1 = (*ptr1 + 1) % 10;
}

/* We now know the quotient digit. */
*qptr++ = qguess;
qdig++;
}
}

/* Clean up and return the number. */

```



```

qval->n_sign = ( n1->n_sign == n2->n_sign ? PLUS : MINUS );
if (bc_is_zero (qval)) qval->n_sign = PLUS;
_bc_rm_leading_zeros (qval);
bc_free_num (quot);
*quot = qval;

/* Clean up temporary storage. */
free (mval);
free (num1);
free (num2);

return 0; /* Everything is OK. */
}

/* Division *and* modulo for numbers. This computes both NUM1 / NUM2 and
NUM1 % NUM2 and puts the results in QUOT and REM, except that if QUOT
is NULL then that store will be omitted.
*/

int
bc_divmod (num1, num2, quot, rem, scale)
    bc_num num1, num2, *quot, *rem;
    int scale;
{
    bc_num quotient = NULL;
    bc_num temp;
    int rscale;

    /* Check for correct numbers. */
    if (bc_is_zero (num2)) return -1;

    /* Calculate final scale. */
    rscale = MAX (num1->n_scale, num2->n_scale+scale);
    bc_init_num(&temp);

    /* Calculate it. */
    bc_divide (num1, num2, &temp, scale);
    if (quot)
        quotient = bc_copy_num (temp);
    bc_multiply (temp, num2, &temp, rscale);
    bc_sub (num1, temp, rem, rscale);
    bc_free_num (&temp);

    if (quot)
    {
        bc_free_num (quot);
        *quot = quotient;
    }
}

```

```

    }

return 0; /* Everything is OK. */
}

/* Modulo for numbers. This computes NUM1 % NUM2 and puts the
result in RESULT. */

int
bc_modulo (num1, num2, result, scale)
    bc_num num1, num2, *result;
    int scale;
{
return bc_divmod (num1, num2, NULL, result, scale);
}

/* Raise BASE to the EXPO power, reduced modulo MOD. The result is
placed in RESULT. If a EXPO is not an integer,
only the integer part is used. */

int
bc_raisemod (base, expo, mod, result, scale)
    bc_num base, expo, mod, *result;
    int scale;
{
bc_num power, exponent, parity, temp;
int rscale;

/* Check for correct numbers. */
if (bc_is_zero(mod)) return -1;
if (bc_is_neg(expo)) return -1;

/* Set initial values. */
power = bc_copy_num (base);
exponent = bc_copy_num (expo);
temp = bc_copy_num (_one_);
bc_init_num(&parity);

/* Check the base for scale digits. */
if (base->n_scale != 0)
    bc_rt_warn ("non-zero scale in base");

/* Check the exponent for scale digits. */
if (exponent->n_scale != 0)
{
bc_rt_warn ("non-zero scale in exponent");
bc_divide (exponent, _one_, &exponent, 0); /*truncate */
}
}

```

```

}

/* Check the modulus for scale digits. */
if (mod->n_scale != 0)
    bc_rt_warn ("non-zero scale in modulus");

/* Do the calculation. */
rscale = MAX(scale, base->n_scale);
while ( !bc_is_zero(exponent) )
{
    (void) bc_divmod (exponent, _two_, &exponent, &parity, 0);
    if ( !bc_is_zero(parity) )
    {
        bc_multiply (temp, power, &temp, rscale);
        (void) bc_modulo (temp, mod, &temp, scale);
    }

    bc_multiply (power, power, &power, rscale);
    (void) bc_modulo (power, mod, &power, scale);
}

/* Assign the value. */
bc_free_num (&power);
bc_free_num (&exponent);
bc_free_num (result);
*result = temp;
return 0; /* Everything is OK. */
}

/* Raise NUM1 to the NUM2 power. The result is placed in RESULT.
Maximum exponent is LONG_MAX. If a NUM2 is not an integer,
only the integer part is used. */

void
bc_raise (num1, num2, result, scale)
    bc_num num1, num2, *result;
    int scale;
{
    bc_num temp, power;
    long exponent;
    int rscale;
    int pwrscale;
    int calcscale;
    char neg;

    /* Check the exponent for scale digits and convert to a long. */
    if (num2->n_scale != 0)
        bc_rt_warn ("non-zero scale in exponent");

```

```

exponent = bc_num2long (num2);
if (exponent == 0 && (num2->n_len > 1 || num2->n_value[0] != 0))
    bc_rt_error ("exponent too large in raise");

/* Special case if exponent is a zero. */
if (exponent == 0)
{
    bc_free_num (result);
    *result = bc_copy_num (_one_);
    return;
}

/* Other initializations. */
if (exponent < 0)
{
    neg = TRUE;
    exponent = -exponent;
    rscale = scale;
}
else
{
    neg = FALSE;
    rscale = MIN (num1->n_scale*exponent, MAX(scale, num1->n_scale));
}

/* Set initial value of temp. */
power = bc_copy_num (num1);
pwrscale = num1->n_scale;
while ((exponent & 1) == 0)
{
    pwrscale = 2*pwrscale;
    bc_multiply (power, power, &power, pwrscale);
    exponent = exponent >> 1;
}
temp = bc_copy_num (power);
calcscale = pwrscale;
exponent = exponent >> 1;

/* Do the calculation. */
while (exponent > 0)
{
    pwrscale = 2*pwrscale;
    bc_multiply (power, power, &power, pwrscale);
    if ((exponent & 1) == 1) {
calcscale = pwrscale + calcscale;
bc_multiply (temp, power, &temp, calcscale);
    }
    exponent = exponent >> 1;
}

```

```

    }

/* Assign the value. */
if (neg)
{
    bc_divide (_one_, temp, result, rscale);
    bc_free_num (&temp);
}
else
{
    bc_free_num (result);
    *result = temp;
    if ((*result)->n_scale > rscale)
(*result)->n_scale = rscale;
}
bc_free_num (&power);
}

/* Take the square root NUM and return it in NUM with SCALE digits
after the decimal place. */

int
bc_sqrt (num, scale)
    bc_num *num;
    int scale;
{
    int rscale, cmp_res, done;
    int cscale;
    bc_num guess, guess1, point5, diff;

/* Initial checks. */
    cmp_res = bc_compare (*num, _zero_);
    if (cmp_res < 0)
        return 0; /* error */
    else
    {
        if (cmp_res == 0)
        {
            bc_free_num (num);
            *num = bc_copy_num (_zero_);
            return 1;
        }
    }
    cmp_res = bc_compare (*num, _one_);
    if (cmp_res == 0)
    {
        bc_free_num (num);
        *num = bc_copy_num (_one_);

```

```

    return 1;
}

/* Initialize the variables. */
rscale = MAX (scale, (*num)->n_scale);
bc_init_num(&guess);
bc_init_num(&guess1);
bc_init_num(&diff);
point5 = bc_new_num (1,1);
point5->n_value[1] = 5;

/* Calculate the initial guess. */
if (cmp_res < 0)
{
    /* The number is between 0 and 1. Guess should start at 1. */
    guess = bc_copy_num (_one_);
    cscale = (*num)->n_scale;
}
else
{
    /* The number is greater than 1. Guess should start at 10^(exp/2). */
    bc_int2num (&guess,10);

    bc_int2num (&guess1,(*num)->n_len);
    bc_multiply (guess1, point5, &guess1, 0);
    guess1->n_scale = 0;
    bc_raise (guess, guess1, &guess, 0);
    bc_free_num (&guess1);
    cscale = 3;
}

/* Find the square root using Newton's algorithm. */
done = FALSE;
while (!done)
{
    bc_free_num (&guess1);
    guess1 = bc_copy_num (guess);
    bc_divide (*num, guess, &guess, cscale);
    bc_add (guess, guess1, &guess, 0);
    bc_multiply (guess, point5, &guess, cscale);
    bc_sub (guess, guess1, &diff, cscale+1);
    if (bc_is_near_zero (diff, cscale))
    {
        if (cscale < rscale+1)
            cscale = MIN (cscale*3, rscale+1);
        else
            done = TRUE;
    }
}

```

```

}
}

/* Assign the number and clean up. */
bc_free_num (num);
bc_divide (guess,_one_,num,rscale);
bc_free_num (&guess);
bc_free_num (&guess1);
bc_free_num (&point5);
bc_free_num (&diff);
return 1;
}

/* The following routines provide output for bcd numbers package
using the rules of POSIX bc for output. */

/* This structure is used for saving digits in the conversion process. */
typedef struct stk_rec {
    long digit;
    struct stk_rec *next;
} stk_rec;

/* The reference string for digits. */
static char ref_str[] = "0123456789ABCDEF";

/* A special output routine for "multi-character digits." Exactly
SIZE characters must be output for the value VAL. If SPACE is
non-zero, we must output one space before the number. OUT_CHAR
is the actual routine for writing the characters. */

void
bc_out_long (val, size, space, out_char)
    long val;
    int size, space;
#ifdef __STDC__
    void (*out_char)(int);
#else
    void (*out_char)();
#endif
{
    char digits[40];
    int len, ix;

    if (space) (*out_char) (' ');
    sprintf (digits, "%ld", val);
    len = strlen (digits);

```

```

while (size > len)
{
    (*out_char) ('0');
    size--;
}
for (ix=0; ix < len; ix++)
    (*out_char) (digits[ix]);
}

/* Output of a bcd number. NUM is written in base O_BASE using OUT_CHAR
as the routine to do the actual output of the characters. */

void
bc_out_num (num, o_base, out_char, leading_zero)
    bc_num num;
    int o_base;
#ifdef __STDC__
    void (*out_char)(int);
#else
    void (*out_char)();
#endif
    int leading_zero;
{
    char *nptr;
    int index, fdigit, pre_space;
    stk_rec *digits, *temp;
    bc_num int_part, frac_part, base, cur_dig, t_num, max_o_digit;

    /* The negative sign if needed. */
    if (num->n_sign == MINUS) (*out_char) ('-');

    /* Output the number. */
    if (bc_is_zero (num))
        (*out_char) ('0');
    else
        if (o_base == 10)
            {
                /* The number is in base 10, do it the fast way. */
                nptr = num->n_value;
                if (num->n_len > 1 || *nptr != 0)
                    for (index=num->n_len; index>0; index--)
                        (*out_char) (BCD_CHAR(*nptr++));
                else
                    nptr++;

                if (leading_zero && bc_is_zero (num))
                    (*out_char) ('0');
            }

```



```

/* Now the fraction. */
if (num->n_scale > 0)
{
    (*out_char) ('.');
    for (index=0; index<num->n_scale; index++)
        (*out_char) (BCD_CHAR(*nptr++));
}
}
else
{
    /* special case ... */
    if (leading_zero && bc_is_zero (num))
        (*out_char) ('0');

    /* The number is some other base. */
    digits = NULL;
    bc_init_num (&int_part);
    bc_divide (num, _one_, &int_part, 0);
    bc_init_num (&frac_part);
    bc_init_num (&cur_dig);
    bc_init_num (&base);
    bc_sub (num, int_part, &frac_part, 0);
    /* Make the INT_PART and FRAC_PART positive. */
    int_part->n_sign = PLUS;
    frac_part->n_sign = PLUS;
    bc_int2num (&base, o_base);
    bc_init_num (&max_o_digit);
    bc_int2num (&max_o_digit, o_base-1);

    /* Get the digits of the integer part and push them on a stack. */
    while (!bc_is_zero (int_part))
    {
        bc_modulo (int_part, base, &cur_dig, 0);
        temp = (stk_rec *) malloc (sizeof(stk_rec));
        if (temp == NULL) bc_out_of_memory();
        temp->digit = bc_num2long (cur_dig);
        temp->next = digits;
        digits = temp;
        bc_divide (int_part, base, &int_part, 0);
    }

    /* Print the digits on the stack. */
    if (digits != NULL)
    {
        /* Output the digits. */
        while (digits != NULL)
        {

```

```

temp = digits;
digits = digits->next;
if (o_base <= 16)
    (*out_char) (ref_str[ (int) temp->digit]);
else
    bc_out_long (temp->digit, max_o_digit->n_len, 1, out_char);
free (temp);
    }
}

/* Get and print the digits of the fraction part. */
if (num->n_scale > 0)
{
    (*out_char) ('. ');
    pre_space = 0;
    t_num = bc_copy_num (_one_);
    while (t_num->n_len <= num->n_scale) {
        bc_multiply (frac_part, base, &frac_part, num->n_scale);
        fdigit = bc_num2long (frac_part);
        bc_int2num (&int_part, fdigit);
        bc_sub (frac_part, int_part, &frac_part, 0);
        if (o_base <= 16)
            (*out_char) (ref_str[fdigit]);
        else {
            bc_out_long (fdigit, max_o_digit->n_len, pre_space, out_char);
            pre_space = 1;
        }
        bc_multiply (t_num, base, &t_num, 0);
    }
    bc_free_num (&t_num);
}

/* Clean up. */
bc_free_num (&int_part);
bc_free_num (&frac_part);
bc_free_num (&base);
bc_free_num (&cur_dig);
bc_free_num (&max_o_digit);
}

/* Convert a number NUM to a long. The function returns only the integer
part of the number. For numbers that are too large to represent as
a long, this function returns a zero. This can be detected by checking
the NUM for zero after having a zero returned. */

long
bc_num2long (num)
    bc_num num;

```

```

{
long val;
char *nptr;
int index;

/* Extract the int value, ignore the fraction. */
val = 0;
nptr = num->n_value;
for (index=num->n_len; (index>0) && (val<=(LONG_MAX/BASE)); index--)
    val = val*BASE + *nptr++;

/* Check for overflow. If overflow, return zero. */
if (index>0) val = 0;
if (val < 0) val = 0;

/* Return the value. */
if (num->n_sign == PLUS)
    return (val);
else
    return (-val);
}

```

```

/* Convert an integer VAL to a bc number NUM. */

```

```

void
bc_int2num (num, val)
    bc_num *num;
    int val;
{
char buffer[30];
char *bptr, *vptr;
int ix = 1;
char neg = 0;

/* Sign. */
if (val < 0)
{
    neg = 1;
    val = -val;
}

/* Get things going. */
bptr = buffer;
*bptr++ = val % BASE;
val = val / BASE;

/* Extract remaining digits. */

```

```

while (val != 0)
{
    *bptr++ = val % BASE;
    val = val / BASE;
    ix++; /* Count the digits. */
}

/* Make the number. */
bc_free_num (num);
*num = bc_new_num (ix, 0);
if (neg) (*num)->n_sign = MINUS;

/* Assign the digits. */
vptr = (*num)->n_value;
while (ix-- > 0)
    *vptr++ = *--bptr;
}

/* Convert a numbers to a string. Base 10 only.*/

char
*num2str (num)
    bc_num num;
{
    char *str, *sptr;
    char *nptr;
    int index, signch;

    /* Allocate the string memory. */
    signch = ( num->n_sign == PLUS ? 0 : 1 ); /* Number of sign chars. */
    if (num->n_scale > 0)
        str = (char *) malloc (num->n_len + num->n_scale + 2 + signch);
    else
        str = (char *) malloc (num->n_len + 1 + signch);
    if (str == NULL) bc_out_of_memory();

    /* The negative sign if needed. */
    sptr = str;
    if (signch) *sptr++ = '-';

    /* Load the whole number. */
    nptr = num->n_value;
    for (index=num->n_len; index>0; index--)
        *sptr++ = BCD_CHAR(*nptr++);

    /* Now the fraction. */
    if (num->n_scale > 0)
        {

```

```

    *sptr++ = '!';
    for (index=0; index<num->n_scale; index++)
    *sptr++ = BCD_CHAR(*nptr++);
    }

/* Terminate the string and return it! */
*sptr = '\0';
return (str);
}
/* Convert strings to bc numbers. Base 10 only.*/

void
bc_str2num (num, str, scale)
    bc_num *num;
    char *str;
    int scale;
{
    int digits, strscale;
    char *ptr, *nptr;
    char zero_int;

/* Prepare num. */
bc_free_num (num);

/* Check for valid number and count digits. */
ptr = str;
digits = 0;
strscale = 0;
zero_int = FALSE;
if ((*ptr == '+') || (*ptr == '-')) ptr++; /* Sign */
while (*ptr == '0') ptr++; /* Skip leading zeros. */
while (isdigit((int)*ptr)) ptr++, digits++; /* digits */
if (*ptr == '.') ptr++; /* decimal point */
while (isdigit((int)*ptr)) ptr++, strscale++; /* digits */
if ((*ptr != '\0') || (digits+strscale == 0))
    {
        *num = bc_copy_num (_zero_);
        return;
    }

/* Adjust numbers and allocate storage and initialize fields. */
strscale = MIN(strscale, scale);
if (digits == 0)
    {
        zero_int = TRUE;
        digits = 1;
    }
*num = bc_new_num (digits, strscale);

```

```

/* Build the whole number. */
ptr = str;
if (*ptr == '-')
{
    (*num)->n_sign = MINUS;
    ptr++;
}
else
{
    (*num)->n_sign = PLUS;
    if (*ptr == '+') ptr++;
}
while (*ptr == '0') ptr++; /* Skip leading zeros. */
nptr = (*num)->n_value;
if (zero_int)
{
    *nptr++ = 0;
    digits = 0;
}
for (;digits > 0; digits--)
    *nptr++ = CH_VAL(*ptr++);

```

```

/* Build the fractional part. */
if (strscale > 0)
{
    ptr++; /* skip the decimal point! */
    for (;strscale > 0; strscale--)
        *nptr++ = CH_VAL(*ptr++);
}
}

```

```

/* pn prints the number NUM in base 10. */

```

```

static void
out_char (int c)
{
    putchar(c);
}

```

```

void
pn (num)
    bc_num num;
{
    bc_out_num (num, 10, out_char, 0);
    out_char ('\n');
}

```

```

}

/* pv prints a character array as if it was a string of bcd digits. */
void
pv (name, num, len)
    char *name;
    unsigned char *num;
    int len;
{
    int i;
    printf ("%s=", name);
    for (i=0; i<len; i++) printf ("%c",BCD_CHAR(num[i]));
    printf ("\n");
}

```

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## 1.193 mtd-utils 1.5.1

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with the Invariant Sections being @var{list their titles}, with the Front-Cover Texts being @var{list}, and with the Back-Cover Texts being @var{list}.

@end group

@end smallexample

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@c Local Variables:

@c ispell-local-pdict: "ispell-dict"

@c End:

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Version 2.1, February 1999

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# 1.198 blas 1.2.20110419-7

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## 1.199 tcl 8.4.6

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## 1.200 util-linux 2.26.2

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Initialize empty image

f1c9645dbc14efddc7d8a322685f26eb bsd.img

Create new DOS partition table

57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

-----

Create 1st primary partition

ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

Device Boot Start End Sectors Size Id Type

<removed>1 2048 4095 2048 1M 83 Linux

-----

```
Create 2st primary partition
1bebf87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8dff51a88a045db233418dd73fbe bsd.img
```

```
---layout-----
```

```
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>
```

```
Device  Boot Start  End Sectors Size Id Type
<removed>1    2048 4095   2048    1M 83 Linux
<removed>2    4096 20479 16384    8M a5 FreeBSD
```

```
-----
```

```
Create default BSD
2e1cee529cb59c9341afef0443f196a1 bsd.img
```

```
---layout-----
```

```
Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.
```

```
Command (m for help): Entering nested BSD disklabel.
```

```
Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd
partitions: 4
```

```
Slice Start  End Sectors  Size Type  Fsize Bsize Cpg
c   4096 20479 16384    8M unused    0  0  0
d    0 16064 16065  7.9M unused    0  0  0
```

```
Partition table entries are not in disk order.
```

```
Command (m for help): Leaving nested disklabel.
```

```
Command (m for help):
```

```
-----
```

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout-----

Welcome to fdisk <removed>.

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors

Geometry: 255 heads, 63 sectors/track, 1 cylinders

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: bsd

partitions: 4

Slice	Start	End	Sectors	Size	Type	Fsize	Bsize	Cpg
a	4096	6144	2049	1M	4.2BSD	0	0	0
c	4096	20479	16384	8M	unused	0	0	0
d	0	16064	16065	7.9M	unused	0	0	0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-----

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

0	unused	5	4.1BSD	9	4.4LFS	d	boot
1	swap	6	Eighth Edition	a	unknown	e	ADOS
2	Version 6	7	4.2BSD	b	HPFS	f	HFS
3	Version 7	8	MS-DOS	c	ISO-9660	10	AdvFS
4	System V						

Command (m for help):

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Version 2, June 1991

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# 1.201 lvm2 2.02.125

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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# 1.205 libproxy 0.4.11

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table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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## 1.206 pciutils 3.3.1

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## 1.209 zlib 1.2.8

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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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://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

# 1.210 datatype 1.3.02

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@c End:

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```

```
/* Id: crypto_openssl.h,v 1.11 2004/11/13 11:28:01 manubsd Exp */
```

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## 1.220 sed 4.2.2

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application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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## 1.228 gnutls 3.3.5

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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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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## Constant-time SSSE3 AES core implementation.

## version 0.1

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## By Mike Hamburg (Stanford University), 2009

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## 1.230 binutils 2.25.1

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That's all there is to it!  
(This file is under construction.) -\*- text -\*-

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff



and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases

for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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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

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

@node Library Copying

@appendixsec GNU LESSER GENERAL PUBLIC LICENSE

@cindex LGPL, Lesser General Public License

@center Version 2.1, February 1999

@display

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of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence the  
version number 2.1.]

@end display

@appendixsubsec Preamble

The licenses for most software are designed to take away your  
freedom to share and change it. By contrast, the GNU General Public

Licenses are intended to guarantee your freedom to share and change free software---to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software---typically libraries---of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the @dfn{Lesser} General Public License because it does @emph{Less} to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library" and a ``work that uses the library". The former contains code derived from the library, whereas the latter must

be combined with the library in order to run.

@iftex

@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end iftex

@ifinfo

@center GNU LESSER GENERAL PUBLIC LICENSE

@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end ifinfo

@enumerate 0

@item

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The modified work must itself be a software library.

@item

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

@end enumerate

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

@item

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

@item

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a ``work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a ``work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a ``work that uses the library". The executable is therefore covered by this License.

Section 6 states terms for distribution of such executables.

When a ``work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

@item

As an exception to the Sections above, you may also combine or link a ``work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ``work that uses the Library'', as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

@item

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

@item

Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

@item

If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

@item

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

@end enumerate

For an executable, the required form of the ``work that uses the Library'' must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

@item

You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

@item

Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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@end enumerate

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@heading END OF TERMS AND CONDITIONS

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@center END OF TERMS AND CONDITIONS

@end ifinfo

@page

@appendixsubsec How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the library's name and an idea of what it does.}

Copyright (C) @var{year} @var{name of author}

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@end smallexample

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ``copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

@smallexample

Yoyodyne, Inc., hereby disclaims all copyright interest in the library  
'Frob' (a library for tweaking knobs) written by James Random Hacker.

@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

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Version 3, 29 June 2007

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#### 0. Additional Definitions.

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General Public License, and the "GNU GPL" refers to version 3 of the GNU  
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"The Library" refers to a covered work governed by this License,  
other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided  
by the Library, but which is not otherwise based on the Library.  
Defining a subclass of a class defined by the Library is deemed a mode  
of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an  
Application with the Library. The particular version of the Library  
with which the Combined Work was made is also called the "Linked  
Version".

The "Minimal Corresponding Source" for a Combined Work means the  
Corresponding Source for the Combined Work, excluding any source code  
for portions of the Combined Work that, considered in isolation, are  
based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the  
object code and/or source code for the Application, including any data



and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

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You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

#### 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

#### 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

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- c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
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- e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

## 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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Version 3, 29 June 2007

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## 1.231 sed 4.1.5

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# 1.232 coreutils 8.24

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Version 3, 29 June 2007

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```

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## 1.233 keypoint-pngencoder 0.7.2

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## 1.234 openssh 7.1p1

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/* $OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $ */
```

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```

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```

```
*/
```

```
/* OPENBSD ORIGINAL: sys/sys/poll.h */
```

```

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

#define INFTIM (-1) /* not standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

```

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[Tatu continues]

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- RSA is no longer included, found in the OpenSSL library
- IDEA is no longer included, its use is deprecated
- DES is now external, in the OpenSSL library
- GMP is no longer used, and instead we call BN code from OpenSSL
- Zlib is now external, in a library
- The make-ssh-known-hosts script is no longer included
- TSS has been removed
- MD5 is now external, in the OpenSSL library
- RC4 support has been replaced with ARC4 support from OpenSSL
- Blowfish is now external, in the OpenSSL library

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\* @version 3.0 (December 2000)

\*

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

\*

\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

\* @author Paulo Barreto <paulo.barreto@terra.com.br>

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```

```

-----
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*/

```

```

#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
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*
*/

```

```

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

```

```

#ifndef HAVE_WAITPID

```

```

/* Clean out any potential issues */

```

```

#undef WIFEXITED

```

```

#undef WIFSTOPPED

```

```

#undef WIFSIGNALED

```

```

/* Define required functions to mimic a POSIX look and feel */

```

```

#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */

```

```

#define WIFEXITED(w) (!((_W_INT(w)) & 0377))

```

```

#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)

```

```

#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))

```

```

#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)

```

```

#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)

```

```

#define WCOREFLAG 0x80

```

```

#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

```

```

/* Prototype */

```

```

pid_t waitpid(int, int *, int);

```

```

#endif /* !HAVE_WAITPID */

```

```

#endif /* _BSD_WAITPID_H */

```

## 1.235 glib 2.0

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# 1.236 open-ldap 2.4.46

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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 application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline

functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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