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## Contents

### **1.1 cJSON 1.1.0**

1.1.1 Available under license

### **1.2 libyuv 464282cfb405b005b9637f11103a7325**

1.2.1 Available under license

### **1.3 libxv 1.0.11-r0**

1.3.1 Available under license

### **1.4 gir1.2-gdkpixbuf-2.0 2.10.0**

1.4.1 Available under license

### **1.5 kerberos 1.16.1**

1.5.1 Available under license

### **1.6 json-cpp 1.9.4**

1.6.1 Available under license

### **1.7 sysv-init 2.86-1**

1.7.1 Available under license

### **1.8 glibc 8.30**

1.8.1 Available under license

### **1.9 mtd-utils 2.0.2**

1.9.1 Available under license

### **1.10 libvorbis 1.3.6**

1.10.1 Available under license

### **1.11 fribidi 1.0.5**

1.11.1 Available under license

### **1.12 tcl 8.6.6**

1.12.1 Available under license

### **1.13 gtk 3.22.30**

1.13.1 Available under license

- 1.14 diffutils 2.16**
  - 1.14.1 Available under license
- 1.15 libcx 7.1.0**
  - 1.15.1 Available under license
- 1.16 opus 1.3.1**
  - 1.16.1 Available under license
- 1.17 expat 2.2.6**
  - 1.17.1 Available under license
- 1.18 libusrctp 0.9.5.0**
  - 1.18.1 Available under license
- 1.19 screen 4.6.2**
  - 1.19.1 Available under license
- 1.20 ipmiutil 1.8.18-10.el8**
  - 1.20.1 Available under license
- 1.21 efivar 0.36**
  - 1.21.1 Available under license
- 1.22 strace 4.4**
  - 1.22.1 Available under license
- 1.23 zlib 1.2.11**
  - 1.23.1 Available under license
- 1.24 busybox 1.29.3**
  - 1.24.1 Available under license
- 1.25 xz 5.2.4**
  - 1.25.1 Available under license
- 1.26 icu 69**
  - 1.26.1 Available under license
- 1.27 pexpect 4.6.0**
  - 1.27.1 Available under license
- 1.28 lua 5.3.3**
- 1.29 click 6.7**
  - 1.29.1 Available under license
- 1.30 libunistring 0.9.10**
  - 1.30.1 Available under license
- 1.31 python-setuptools 28.8.0**
  - 1.31.1 Available under license
- 1.32 parted 3.2**
  - 1.32.1 Available under license
- 1.33 unzip 6.0 43.el8**
  - 1.33.1 Available under license

### **1.34 u-boot 2018.07**

1.34.1 Available under license

### **1.35 ncurses 6.1**

1.35.1 Available under license

### **1.36 edk-2 UDK2017**

1.36.1 Available under license

### **1.37 coreutils 8.30**

1.37.1 Available under license

### **1.38 bash 4.4.23**

1.38.1 Available under license

### **1.39 libxcursor 1\_1.1.15-r0**

1.39.1 Available under license

### **1.40 flask-restful 0.3.6**

1.40.1 Available under license

### **1.41 rdma-cm 8.3**

1.41.1 Available under license

### **1.42 libpng 1.6.36**

1.42.1 Available under license

### **1.43 blinker 1.4**

1.43.1 Available under license

### **1.44 asyncio 3.5.6**

1.44.1 Available under license

### **1.45 ots e06eff2aa65b917034a81599bea73dc4**

1.45.1 Available under license

### **1.46 dbus-glib 0.110**

1.46.1 Available under license

### **1.47 cairo 1.14.12**

1.47.1 Available under license

### **1.48 libjpeg-turbo 2.0.0**

1.48.1 Available under license

### **1.49 nginx 1.15.2**

1.49.1 Available under license

### **1.50 glew 1.5.2-1.el8**

1.50.1 Available under license

### **1.51 shadow 4.6**

1.51.1 Available under license

### **1.52 popt 1.16-r3**

1.52.1 Available under license

### **1.53 c-ares 1.2.5**

- 1.53.1 Available under license
- 1.54 libcap 2.25**
  - 1.54.1 Available under license
- 1.55 libsgutils 1.47**
  - 1.55.1 Available under license
- 1.56 readline 7.0**
  - 1.56.1 Available under license
- 1.57 kexec-tools 2.0.17**
  - 1.57.1 Available under license
- 1.58 pcre 8.42**
  - 1.58.1 Available under license
- 1.59 libxfont 2.0.3**
  - 1.59.1 Available under license
- 1.60 libsrtp 1.6.0**
  - 1.60.1 Available under license
- 1.61 libogg 1.3.3**
  - 1.61.1 Available under license
- 1.62 libpcap 1.9.0 3.el8**
  - 1.62.1 Available under license
- 1.63 glibc 2.28**
  - 1.63.1 Available under license
- 1.64 netperf 2.0.2**
  - 1.64.1 Available under license
- 1.65 libnl3 3.4.0**
  - 1.65.1 Available under license
- 1.66 pango 1.42.4**
  - 1.66.1 Available under license
- 1.67 dosfs-tools 4.1**
  - 1.67.1 Available under license
- 1.68 gobject-introspection 1.58.0**
  - 1.68.1 Available under license
- 1.69 lsscsi 0.30**
  - 1.69.1 Available under license
- 1.70 visual-studio-runtime 14.00.24210.0**
  - 1.70.1 Available under license
- 1.71 libxi 1.7.9**
  - 1.71.1 Available under license
- 1.72 libxvmc 1\_1.0.10-r0**
  - 1.72.1 Available under license

- 1.73 udev 3.2.7**
  - 1.73.1 Available under license
- 1.74 linux-kernel 4.18.0-240**
- 1.75 shared-mime-info 1.1**
  - 1.75.1 Available under license
- 1.76 rsync 3.1.3**
  - 1.76.1 Available under license
- 1.77 xinetd 2.3.15**
  - 1.77.1 Available under license
- 1.78 libxext 1\_1.3.3-r0**
  - 1.78.1 Available under license
- 1.79 colorama 3.5**
  - 1.79.1 Available under license
- 1.80 markupsafe 1.0**
  - 1.80.1 Available under license
- 1.81 libxcb 1.13**
  - 1.81.1 Available under license
- 1.82 newt 0.4.2**
  - 1.82.1 Available under license
- 1.83 flask 1.0.2**
  - 1.83.1 Available under license
- 1.84 at-spi2-core 2.28.0**
  - 1.84.1 Available under license
- 1.85 libvpx 1.8.2**
  - 1.85.1 Available under license
- 1.86 openssl 1.1.1b**
  - 1.86.1 Available under license
- 1.87 mesa 18.1.9**
  - 1.87.1 Available under license
- 1.88 urllib3 1.23**
  - 1.88.1 Available under license
- 1.89 xorg-randr 1.5.0**
  - 1.89.1 Available under license
- 1.90 gnutls 3.6.4**
  - 1.90.1 Available under license
- 1.91 tcp-dump 4.9.2**
  - 1.91.1 Available under license
- 1.92 python-setuptools 40.0.0**
  - 1.92.1 Available under license

### **1.93 pip 9.0.1**

1.93.1 Available under license

### **1.94 linux-kernel 4.4.20**

1.94.1 Available under license

### **1.95 acl 2.2.52-r0**

1.95.1 Available under license

### **1.96 grub2 1.2**

1.96.1 Available under license

### **1.97 sqlite 3.36.0**

1.97.1 Available under license

### **1.98 libwebp 1.0.0**

1.98.1 Available under license

### **1.99 e2fsprogs 1.44.3**

1.99.1 Available under license

### **1.100 ipmi-tool 1.8.18**

1.100.1 Available under license

### **1.101 tdb 1.44.3**

1.101.1 Available under license

### **1.102 d-bus 1.12.10**

1.102.1 Available under license

### **1.103 libmicrohttpd 0.9.59**

1.103.1 Available under license

### **1.104 bzip2 1.0.6**

1.104.1 Available under license

### **1.105 libcxxabi 7.1.0**

1.105.1 Available under license

### **1.106 futures 3.3.0**

1.106.1 Available under license

### **1.107 sqlite 3.23.1**

1.107.1 Available under license

### **1.108 pciutils 3.6.2-r0**

1.108.1 Available under license

### **1.109 libilbc 2.0.2**

1.109.1 Available under license

### **1.110 simplejson 3.16.0**

1.110.1 Available under license

### **1.111 libdrm 2.4.94**

1.111.1 Available under license

### **1.112 libevdev 1.5.9**



- 1.112.1 Available under license
- 1.113 file 5.25**
  - 1.113.1 Available under license
- 1.114 gdbm 1.18**
  - 1.114.1 Available under license
- 1.115 atk 2.28.1**
  - 1.115.1 Available under license
- 1.116 openssl 0.9.8zb**
  - 1.116.1 Available under license
- 1.117 werkzeug 0.14.1**
  - 1.117.1 Available under license
- 1.118 jinja2 2.10**
  - 1.118.1 Available under license
- 1.119 glib 2.58.0**
  - 1.119.1 Available under license
- 1.120 libconfig 1.7.2**
  - 1.120.1 Available under license
- 1.121 html5lib 1.0.1**
  - 1.121.1 Available under license
- 1.122 lockfile 0.12.2**
  - 1.122.1 Available under license
- 1.123 zlib 1.2.8**
  - 1.123.1 Available under license
- 1.124 libpcap 1.8.1**
  - 1.124.1 Available under license
- 1.125 kerberos 1.16**
  - 1.125.1 Available under license
- 1.126 itsdangerous 0.24**
  - 1.126.1 Available under license
- 1.127 mini-xml 2.11**
  - 1.127.1 Available under license
- 1.128 lz4 1.8.2**
  - 1.128.1 Available under license
- 1.129 nss 3.39**
  - 1.129.1 Available under license
- 1.130 dmidecode 3.5**
  - 1.130.1 Available under license
- 1.131 libx11 1.6.6**
  - 1.131.1 Available under license

- 1.132 libpng 1.6.37**
  - 1.132.1 Available under license
- 1.133 packaging 16.8**
  - 1.133.1 Available under license
- 1.134 libtasn 1.2**
  - 1.134.1 Available under license
- 1.135 python-requests 2.19.1**
  - 1.135.1 Available under license
- 1.136 libxml 2.9.8**
  - 1.136.1 Available under license
- 1.137 libvte 0.52.2**
  - 1.137.1 Available under license
- 1.138 libaom 68.0esr**
  - 1.138.1 Available under license
- 1.139 expat 2.2.4**
  - 1.139.1 Available under license
- 1.140 pixman 0.34.0**
  - 1.140.1 Available under license
- 1.141 i2c-tools 4.4**
  - 1.141.1 Available under license
- 1.142 nettle 3.4**
  - 1.142.1 Available under license
- 1.143 libffi 3.2.1**
  - 1.143.1 Available under license
- 1.144 libxtst 1.2.3**
  - 1.144.1 Available under license
- 1.145 openssl 1.0.2o-3.el8**
  - 1.145.1 Available under license
- 1.146 webencodings 0.5.1**
  - 1.146.1 Available under license
- 1.147 open-iscsi 2.0.876**
  - 1.147.1 Available under license
- 1.148 zlib 1.2.3**
  - 1.148.1 Available under license
- 1.149 lzo 2.10**
  - 1.149.1 Available under license
- 1.150 perl 5.24.4**
  - 1.150.1 Available under license
- 1.151 gmp 6.1.2**

1.151.1 Available under license  
**1.152 attr 2.4.47**  
1.152.1 Available under license  
**1.153 python 2.7.16**  
**1.154 atk 2.26.2**  
1.154.1 Available under license  
**1.155 tcl 8.5.7**  
1.155.1 Available under license  
**1.156 openssl 1.0.2r**  
1.156.1 Available under license  
**1.157 zlib 1.2.5**  
1.157.1 Available under license  
**1.158 nspr 4.32**  
1.158.1 Available under license  
**1.159 file 5.34**  
1.159.1 Available under license  
**1.160 pcre 10.31**  
1.160.1 Available under license  
**1.161 gunicorn 20.0.4**  
1.161.1 Available under license  
**1.162 curl 7.64.0**  
1.162.1 Available under license  
**1.163 tftp-hpa 0.49**  
1.163.1 Available under license  
**1.164 diffutils 3.6**  
1.164.1 Available under license  
**1.165 efibootmgr 0.16**  
1.165.1 Available under license  
**1.166 harfbuzz 1.8.8**  
1.166.1 Available under license  
**1.167 util-linux 2.32.1**  
1.167.1 Available under license  
**1.168 sudo 1.8.23**  
1.168.1 Available under license  
**1.169 netperf 2.7.0**  
1.169.1 Available under license  
**1.170 uclibc 0.3.2**  
1.170.1 Available under license  
**1.171 libpciaccess 0.14-r0**

- 1.171.1 Available under license
- 1.172 firefox 68.0esr**
  - 1.172.1 Available under license
- 1.173 angle 7abdb66a6948f39c2f469140db5184e2**
  - 1.173.1 Available under license
- 1.174 chardet 3.0.4**
  - 1.174.1 Available under license
- 1.175 libxdmcp 1\_1.1.2-r0**
  - 1.175.1 Available under license
- 1.176 grub2 2.02**
  - 1.176.1 Available under license
- 1.177 sysv-init 2.88**
  - 1.177.1 Available under license
- 1.178 openssl 1.1.1c-2.el8**
  - 1.178.1 Available under license
- 1.179 python 3.5.6**
  - 1.179.1 Available under license
- 1.180 iptables 1.6.2**
  - 1.180.1 Available under license
- 1.181 libinput 1.11.3**
  - 1.181.1 Available under license
- 1.182 xorg-server 1.20.1**
  - 1.182.1 Available under license
- 1.183 free-type 2.9.1**
  - 1.183.1 Available under license
- 1.184 libjpeg-turbo 2.0.4**
  - 1.184.1 Available under license
- 1.185 libidn 2.0.5**
  - 1.185.1 Available under license
- 1.186 libedit 20180525-3.1**
  - 1.186.1 Available under license
- 1.187 fontconfig 2.12.6**
  - 1.187.1 Available under license
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## 1.5 kerberos 1.16.1

### 1.5.1 Available under license :

```
/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */  
/* tests/shlib/t_loader.c */  
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cmd/krb5/ipropl/ipropl\_hdr.h  
cmd/krb5/kadmin/server/ipropld\_svc.c  
cmd/krb5/kproplog/kproplog.c  
cmd/krb5/slave/kpropd\_rpc.c  
lib/gss\_mechs/mech\_krb5/et/kdb5\_err.c  
lib/gss\_mechs/mech\_spnego/mech/gssapiP\_spnego.h  
lib/gss\_mechs/mech\_spnego/mech/spnego\_mech.c  
lib/krb5/kadm5/kadm\_host\_srv\_names.c  
lib/krb5/kdb/kdb\_convert.c  
lib/krb5/kdb/kdb\_hdr.h  
lib/krb5/kdb/kdb\_log.c  
lib/krb5/kdb/kdb\_log.h

lib/libgss/g\_accept\_sec\_context.c  
lib/libgss/g\_acquire\_cred.c  
lib/libgss/g\_canon\_name.c  
lib/libgss/g\_compare\_name.c  
lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
lib/libgss/g\_init\_sec\_context.c  
lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
lib/libgss/g\_rel\_name.c  
lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
lib/libgss/g\_sign.c  
lib/libgss/g\_store\_cred.c  
lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c

lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprof\_hdr.h  
kadmin/server/iprof\_svc.c  
lib/kdb/iprof.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
kprop/kpropd\_rpc.c  
kprop/kproplog.c

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- \*
- \* Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>,
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## 1.10 libvorbis 1.3.6

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## 1.11 fribidi 1.0.5

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## 1.12 tcl 8.6.6

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## 1.13 gtk 3.22.30

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## 1.14 diffutils 2.16

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## 1.15 libcxx 7.1.0

### 1.15.1 Available under license :

```
; RUN: llc < %s -mtriple=s390x-linux-gnu -mcpu=zEC12 -verify-machineinstrs | FileCheck %s
;
; Test that early if conversion produces LOCR with operands of the right
; register classes.
```

```
define void @autogen_SD4739(i8*) {
; CHECK-NOT: Expected a GR32Bit register, but got a GRX32Bit register
BB:
  %L34 = load i8, i8* %0
  %Cmp56 = icmp sgt i8 undef, %L34
  br label %CF246
```

```
CF246:                                ; preds = %CF246, %BB
  %S1163 = select i1 %Cmp56, i8 %L34, i8 undef
  br i1 undef, label %CF246, label %CF248
```

```
CF248:                                ; preds = %CF248, %CF246
  store i8 %S1163, i8* %0
  br label %CF248
}
```

```
=====
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=====
```

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```
; RUN: llc -mtriple=aarch64-apple-ios %s -o - | FileCheck %s
```

```
define <16 x double> @test_sitofp_fixed(<16 x i32> %in) {
```

```
; CHECK-LABEL: test_sitofp_fixed:
```

```
; First, extend each i32 to i64
```

```
; CHECK-DAG: sshll2.2d [[BLOCK0_HI:v[0-9]+]], v0, #0
```

```
; CHECK-DAG: sshll2.2d [[BLOCK1_HI:v[0-9]+]], v1, #0
```

```
; CHECK-DAG: sshll2.2d [[BLOCK2_HI:v[0-9]+]], v2, #0
```

```
; CHECK-DAG: sshll2.2d [[BLOCK3_HI:v[0-9]+]], v3, #0
```

```
; CHECK-DAG: sshll.2d [[BLOCK0_LO:v[0-9]+]], v0, #0
```

```
; CHECK-DAG: sshll.2d [[BLOCK1_LO:v[0-9]+]], v1, #0
```

```
; CHECK-DAG: sshll.2d [[BLOCK2_LO:v[0-9]+]], v2, #0
```

```
; CHECK-DAG: sshll.2d [[BLOCK3_LO:v[0-9]+]], v3, #0
```

```
; Next, convert each to double.
```

```
; CHECK-DAG: scvtf.2d v0, [[BLOCK0_LO]]
```

```
; CHECK-DAG: scvtf.2d v1, [[BLOCK0_HI]]
```

```
; CHECK-DAG: scvtf.2d v2, [[BLOCK1_LO]]
```

```
; CHECK-DAG: scvtf.2d v3, [[BLOCK1_HI]]
```

```
; CHECK-DAG: scvtf.2d v4, [[BLOCK2_LO]]
```

```
; CHECK-DAG: scvtf.2d v5, [[BLOCK2_HI]]
```

```
; CHECK-DAG: scvtf.2d v6, [[BLOCK3_LO]]
```

```
; CHECK-DAG: scvtf.2d v7, [[BLOCK3_HI]]
```

```
; CHECK: ret
```

```
%flt = sitofp <16 x i32> %in to <16 x double>
```

```
%res = fdiv <16 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0,  
double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0,  
double 64.0>
```

```
ret <16 x double> %res
```

```
}
```

```
; This one is small enough to satisfy isSimple, but still illegally large.
```

```
define <4 x double> @test_sitofp_fixed_shortish(<4 x i64> %in) {
```

```
; CHECK-LABEL: test_sitofp_fixed_shortish:
```

```
; CHECK-DAG: scvtf.2d v0, v0
```

```
; CHECK-DAG: scvtf.2d v1, v1
```

```
; CHECK: ret
%flt = sitofp <4 x i64> %in to <4 x double>
%res = fdiv <4 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0>
ret <4 x double> %res
}
```

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```
add_lldb_library(lldbPluginObjectContainerBSDArchive PLUGIN
ObjectContainerBSDArchive.cpp
```

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  lldbCore

  lldbHost

  lldbSymbol

LINK\_COMPONENTS

  Support

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```
; RUN: llc -march=hexagon < %s
```

```
; REQUIRES: asserts
```

```
; The two loads based on %struct.0, loading two different data types
; cause LSR to assume type "void" for the memory type. This would then
; cause an assert in isLegalAddressingMode. Make sure we no longer crash.
```

```
target triple = "hexagon"
```

```
%struct.0 = type { i8*, i8, %union.anon.0 }
```

```
%union.anon.0 = type { i8* }
```

```
define hidden fastcc void @fred() unnamed_addr #0 {
```

```
entry:
```

```

br i1 undef, label %while.end, label %while.body.lr.ph

while.body.lr.ph:
    ; preds = %entry
br label %while.body

while.body:
    ; preds = %exit.2, %while.body.lr.ph
%lshr.iv = phi %struct.0* [ %cgep22, %exit.2 ], [ undef, %while.body.lr.ph ]
switch i32 undef, label %exit [
    i32 1, label %sw.bb.i
    i32 2, label %sw.bb3.i
]

sw.bb.i:
    ; preds = %while.body
unreachable

sw.bb3.i:
    ; preds = %while.body
unreachable

exit:
    ; preds = %while.body
switch i32 undef, label %exit.2 [
    i32 1, label %sw.bb.i17
    i32 2, label %sw.bb3.i20
]

sw.bb.i17:
    ; preds = %exit
%0 = bitcast %struct.0* %lshr.iv to i32*
%1 = load i32, i32* %0, align 4
unreachable

sw.bb3.i20:
    ; preds = %exit
%2 = bitcast %struct.0* %lshr.iv to i8**
%3 = load i8*, i8** %2, align 4
unreachable

exit.2:
    ; preds = %exit
%cgep22 = getelementptr %struct.0, %struct.0* %lshr.iv, i32 1
br label %while.body

while.end:
    ; preds = %entry
ret void
}

```

attributes #0 = { nounwind optsize "target-cpu"="hexagonv55" }  
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```
; RUN: llc < %s -mtriple=x86_64-linux-android -mattr=+mmx -enable-legalize-types-checking | FileCheck %s  
;  
; D31946  
; Check that we dont end up with the ""LLVM ERROR: Cannot select" error.  
; Additionally ensure that the output code actually put fp128 values in SSE registers.
```

```
declare fp128 @llvm.fabs.f128(fp128)  
declare fp128 @llvm.copysign.f128(fp128, fp128)
```

```
define fp128 @TestSelect(fp128 %a, fp128 %b) {  
  %cmp = fcmp ogt fp128 %a, %b  
  %sub = fsub fp128 %a, %b  
  %res = select i1 %cmp, fp128 %sub, fp128 0xL00000000000000000000000000000000  
  ret fp128 %res  
; CHECK-LABEL: TestSelect:  
; CHECK      movaps 16(%rsp), %xmm1  
; CHECK-NEXT  callq __subtf3  
; CHECK-NEXT  testl %ebx, %ebx  
; CHECK-NEXT  jg .LBB0_2  
; CHECK-NEXT # %bb.1:  
; CHECK-NEXT  movaps .LCPI0_0(%rip), %xmm0  
; CHECK-NEXT .LBB0_2:  
; CHECK-NEXT  addq $32, %rsp  
; CHECK-NEXT  popq %rbx  
; CHECK-NEXT  retq  
}
```

```
define fp128 @TestFabs(fp128 %a) {  
  %res = call fp128 @llvm.fabs.f128(fp128 %a)  
  ret fp128 %res  
}
```

```

; CHECK-LABEL: TestFabs:
; CHECK    andps .LCPI1_0(%rip), %xmm0
; CHECK-NEXT retq
}

define fp128 @TestCopysign(fp128 %a, fp128 %b) {
    %res = call fp128 @llvm.copysign.f128(fp128 %a, fp128 %b)
    ret fp128 %res
; CHECK-LABEL: TestCopysign:
; CHECK    andps .LCPI2_1(%rip), %xmm0
; CHECK-NEXT orps %xmm1, %xmm0
; CHECK-NEXT retq
}

define fp128 @TestFneg(fp128 %a) {
    %mul = fmul fp128 %a, %a
    %res = fsub fp128 0xL00000000000000008000000000000000, %mul
    ret fp128 %res
; CHECK-LABEL: TestFneg:
; CHECK    movaps %xmm0, %xmm1
; CHECK-NEXT callq __multf3
; CHECK-NEXT xorps .LCPI3_0(%rip), %xmm0
; CHECK-NEXT popq %rax
; CHECK-NEXT retq
}

```

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Source: <http://ipmiutil.sourceforge.net>

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## 1.21 efivar 0.36

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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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## 1.25 xz 5.2.4

### 1.25.1 Available under license :

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=====

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## 1.26 icu 69

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The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable



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Please read LICENSE first to find out what is allowed to do with Info-ZIP's UnZip code.

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There are currently two explicit copyrights on portions of UnZip code (at least, of which Info-ZIP is aware):

Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the copyright conditions of the contributions by Igor Mandrichenko (vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/\*"), Steve P. Miller (Pocket UnZip GUI "wince/\*"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.



Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys claims a patent on LZW encoding and on LZW decoding in an apparatus that performs LZW encoding, but the patent appears to exempt a stand-alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)

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The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

The following copyright applies to the Mac OS File Manager interface code (macos/source/macstuff.[ch]), distributed with UnZip 5.4 and later:

```
* MoreFiles
*
* A collection of File Manager and related routines
*
* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
* with significant code contributions by Nitin Ganatra
* (Apple Macintosh Developer Technical Support Emeritus)
* Copyright 1992-1998 Apple Computer, Inc.
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*
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The following copyright applies to the Mac OS "macbin3" decoding code  
(extra field compatibility with ZipIt):

\* MacBinaryIII.h  
\*  
\* Copyright 1997 Christopher Evans (cevens@poppybank.com)  
\*  
\* Basic encoding and decoding of Macintosh files to the  
\* MacBinary III spec.  
\* -----  
\* This source is copyrighted by Christopher Evans (cevens@poppybank.com)  
\* (available at ftp://ftp.lazerware.com/MacBinaryIII\_src\_C.sit  
\* homepage of Leonard Rosenthol leonardr@netcom.com)

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that this code is freely reusable until we are proved wrong...

-----  
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only:

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Regarding the first stipulation, Mr. Smith was tracked down in southern California some years back [Samuel H. Smith, The Tool Shop; as of mid-May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS), 71150.2731@compuserve.com]:

"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.

-----

The following copyright applied to most of the VMS code in vms.c, distributed with UnZip version 4.2 and later:

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-----

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- \* code. (Other names may, of course, be added as modifications
- \* are made.) Corporate legal staff (like at IBM :-)) who have
- \* problems understanding this can contact me through Zip-Bugs...

-----

The following copyright applied to the Windows DLL code (windll/\*),

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- \* Miller. The product "Pocket UnZip" itself is property of the
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- \* from Steve P. Miller.

-----

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.

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## 1.34 u-boot 2018.07

### 1.34.1 Available under license :

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The header files "include/image.h" and "arch/\*/include/asm/u-boot.h" define interfaces to U-Boot. Including these (unmodified) header files in another file is considered normal use of U-Boot, and does *not* fall under the heading of "derived work".

-- Wolfgang Denk

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## 1.35 ncurses 6.1

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-- vile:txtmode fc=72
-- $Id: COPYING,v 1.6 2018/01/01 12:00:00 tom Exp $
Upstream source https://invisible-island.net/ncurses/ncurses.html
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The initial work to provide the UEFI implementation of Lua was done at Emulex Corporation.

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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	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
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## 1.37 coreutils 8.30

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## 1.42 libpng 1.6.36

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```

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# 1.45 ots e06eff2aa65b917034a81599bea73dc4

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Mesa 3-D graphics library  
Version: 7.0

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```

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## 1.58 pcre 8.42

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-----

Written by: Philip Hazel

Email local part: ph10

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```
/* lib/font/fontfile/gunzip.c
   written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.
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```

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## 1.62 libpcap 1.9.0 3.el8

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@c The GNU Lesser General Public License.  
@center Version 2.1, February 1999
```

```
@c This file is intended to be included within another document,  
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```

```
@display  
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```
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```

```
@subheading Preamble
```

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/\* setjmp is implemented in setjmp.S \*/

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%% winjs version 4.4.0 (<https://github.com/winjs/winjs>)

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WinJS

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1. Seti UI - A subtle dark colored UI theme for Atom. (<https://github.com/jesseweed/seti-ui>)

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## 1.74 linux-kernel 4.18.0-240

## 1.75 shared-mime-info 1.1

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# 1.76 rsync 3.1.3

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## 1.83 flask 1.0.2

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## 1.84 at-spi2-core 2.28.0

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## 1.86 openssl 1.1.1b

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# Contributions to the urllib3 project
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## Creator & Maintainer
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## Contributors
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- \* HTTPS patch (which inspired HTTPSConnectionPool)
  
- \* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>
- \* NTLM-authenticated HTTPSConnectionPool
- \* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)
  
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- \* Client-verified SSL certificates for HTTPSConnectionPool
- \* Response gzip and deflate encoding support
- \* Better unicode support for filepost using StringIO buffers
  
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- \* Support for TLS SNI
- \* API unification of ssl\_version/cert\_reqs
- \* SSL fingerprint and alternative hostname verification
- \* Bugfixes in testsuite
  
- \* Sune Kirkeby <mig@ibofobi.dk>
- \* Optional SNI-support for Python 2 via PyOpenSSL.

- \* Marc Schlaich <marc.schlaich@gmail.com>
- \* Various bugfixes and test improvements.
  
- \* Bryce Boe <bbzbryce@gmail.com>
- \* Correct six.moves conflict
- \* Fixed pickle support of some exceptions
  
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
- \* Allowed to skip SSL hostname verification
  
- \* Cory Benfield <<http://lukasa.co.uk/about/>>
- \* Stream method for Response objects.
- \* Return native strings in header values.
- \* Generate 'Host' header when using proxies.
  
- \* Jason Robinson <jaywink@basshero.org>
- \* Add missing WrappedSocket.fileno method in PyOpenSSL
  
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
- \* Fixed a race condition
  
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
- \* Added HTTPS (CONNECT) proxy support
  
- \* Stephen Holsapple <sholsapp@gmail.com>
- \* Added abstraction for granular control of request fields
  
- \* Martin von Gagern <Martin.vGagern@gmx.net>
- \* Support for non-ASCII header parameters
  
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- \* Support for separate connect and request timeouts
  
- \* Peter Waller <p@pwaller.net>
- \* HTTPResponse.tell() for determining amount received over the wire
  
- \* Nipunn Koorapati <nipunn1313@gmail.com>
- \* Ignore default ports when comparing hosts for equality
  
- \* Danilo @dbrgn <<http://dbrgn.ch/>>
- \* Disabled TLS compression by default on Python 3.2+
- \* Disabled TLS compression in pyopenssl contrib module
- \* Configurable cipher suites in pyopenssl contrib module
  
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- \* Account retries on proxy errors

- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
- \* Use the platform-specific CA certificate locations
  
- \* Josh Schneier <https://github.com/jschneier>
- \* HTTPHeaderDict and associated tests and docs
- \* Bugfixes, docs, test coverage
  
- \* Tahia Khan <http://tahia.tk/>
- \* Added Timeout examples in docs
  
- \* Arthur Grunseid <http://grunseid.com>
- \* source\_address support and tests (with https://github.com/bui)
  
- \* Ian Cordasco <graffatcolmingov@gmail.com>
- \* PEP8 Compliance and Linting
- \* Add ability to pass socket options to an HTTP Connection
  
- \* Erik Tollerud <erik.tollerud@gmail.com>
- \* Support for standard library io module.
  
- \* Krishna Prasad <kprasad.iitd@gmail.com>
- \* Google App Engine documentation
  
- \* Aaron Meurer <asmeurer@gmail.com>
- \* Added Url.url, which unparses a Url
  
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
- \* Bugfixes
  
- \* Benjamin Meyer <bm\_witness@yahoo.com>
- \* Security Warning Documentation update for proper capture
  
- \* Shivan Sornarajah <github@sornars.com>
- \* Support for using ConnectionPool and PoolManager as context managers.
  
- \* Alex Gaynor <alex.gaynor@gmail.com>
- \* Updates to the default SSL configuration
  
- \* Tomas Tomecek <ttomecek@redhat.com>
- \* Implemented generator for getting chunks from chunked responses.
  
- \* tlynn <https://github.com/tlynn>
- \* Respect the warning preferences at import.
  
- \* David D. Riddle <ddriddle@illinois.edu>
- \* IPv6 bugfixes in testsuite
  
- \* Jon Wayne Parrott <jonwayne@google.com>



- \* App Engine environment tests.
  
- \* John Krauss <<https://github.com/talos>>
  - \* Clues to debugging problems with `cryptography` dependency in docs
  
- \* Disassem <<https://github.com/Disassem>>
  - \* Fix pool-default headers not applying for url-encoded requests like GET.
  
- \* James Atherfold <[jlatherfold@hotmail.com](mailto:jlatherfold@hotmail.com)>
  - \* Bugfixes relating to cleanup of connections during errors.
  
- \* Christian Pedersen <<https://github.com/chripede>>
  - \* IPv6 HTTPS proxy bugfix
  
- \* Jordan Moldow <<https://github.com/jmoldow>>
  - \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
  - \* Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
  - \* Creation of ``HTTPConnectionPool.ResponseCls``.
  
- \* Predrag Gruevski <<https://github.com/obi1kenobi>>
  - \* Made cert digest comparison use a constant-time algorithm.
  
- \* Adam Talsma <<https://github.com/a-tal>>
  - \* Bugfix to ca\_cert file paths.
  
- \* Evan Meagher <<https://evanmeagher.net>>
  - \* Bugfix related to `memoryview` usage in PyOpenSSL adapter
  
- \* John Vandenberg <[jayvdb@gmail.com](mailto:jayvdb@gmail.com)>
  - \* Python 2.6 fixes; pyflakes and pep8 compliance
  
- \* Andy Caldwell <[andy.m.caldwell@googlemail.com](mailto:andy.m.caldwell@googlemail.com)>
  - \* Bugfix related to reusing connections in indeterminate states.
  
- \* Ville Skytt <[ville.skytta@iki.fi](mailto:ville.skytta@iki.fi)>
  - \* Logging efficiency improvements, spelling fixes, Travis config.
  
- \* Shige Takeda <[smtakeda@gmail.com](mailto:smtakeda@gmail.com)>
  - \* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
  
- \* Jesse Shapiro <[jesse@jesseshapiro.net](mailto:jesse@jesseshapiro.net)>
  - \* Various character-encoding fixes/tweaks
  - \* Disabling IPv6 DNS when IPv6 connections not supported
  
- \* David Foster <<http://dafoster.net/>>
  - \* Ensure order of request and response headers are preserved.
  
- \* Jeremy Cline <[jeremy@jcline.org](mailto:jeremy@jcline.org)>

- \* Added connection pool keys by scheme
  
- \* Aviv Palivoda <palaviv@gmail.com>
  - \* History list to Retry object.
  - \* HTTPResponse contains the last Retry object.
  
- \* Nate Prewitt <nate.prewitt@gmail.com>
  - \* Ensure timeouts are not booleans and greater than zero.
  - \* Fixed infinite loop in ``stream`` when amt=None.
  - \* Added length\_remaining to determine remaining data to be read.
  - \* Added enforce\_content\_length to raise exception when incorrect content-length received.
  
- \* Seth Michael Larson <sethmichaellarson@protonmail.com>
  - \* Created selectors backport that supports PEP 475.
  
- \* Alexandre Dias <alex.dias@smarkets.com>
  - \* Don't retry on timeout if method not in whitelist
  
- \* Moinuddin Quadri <moin18@gmail.com>
  - \* Lazily load idna package
  
- \* Tom White <s6yg1ez3@mail2tor.com>
  - \* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
  
- \* Tim Burke <tim.burke@gmail.com>
  - \* Stop buffering entire deflate-encoded responses.
  
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  - \* Add counter for status\_forcelist retries.
  
- \* Erik Rose <erik@mozilla.com>
  - \* Bugfix to pyopenssl vendoring
  
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
  - \* Bugfix related to loading full certificate chains with PyOpenSSL backend.
  
- \* Mike Miller <github@mikeage.net>
  - \* Logging improvements to include the HTTP(S) port when opening a new connection
  
- \* Ioannis Tziakos <mail@itziakos.gr>
  - \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
  - \* Update appveyor tox setup to use the 64bit python.
  
- \* Akamai (through Jesse Shapiro) <jshapiro@akamai.com>
  - \* Ongoing maintenance
  
- \* Dominique Leuenberger <dimstar@opensuse.org>
  - \* Minor fixes in the test suite

- \* Will Bond <will@wbond.net>
  - \* Add Python 2.6 support to ``contrib.securetransport``
  
  - \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  - \* using auth info for socks proxy
  
  - \* Chris Wilcox <git@crwilcox.com>
  - \* Improve contribution guide
  - \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
  
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## 1.89 xorg-randr 1.5.0

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## 1.90 gnutls 3.6.4

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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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# 1.94 linux-kernel 4.4.20

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- /\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
- \* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
- \*
- \* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
- \* <http://www.hypermall.com/>
- \* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY
- \* interrupts us (except possibly for removal/insertion of the cable?)
- \* 10/4/97 - began heavy inline documentation of the code. Corrected typos
- \* and spelling mistakes.
- \* 10/5/97 - added code to handle PHY interrupts, disable PHY on
- \* loss of link, and correctly re-enable PHY when link is
- \* re-established. (put back CFG\_PHYIE)
- \*
- \* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
- \*
- \* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
- \*
- \* Linux driver for the IDT77201 NICStAR PCI ATM controller.
- \* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
- \* see init\_nicstar() for PHY initialization to change this. This driver
- \* expects the Linux ATM stack to support scatter-gather lists
- \* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
- \*
- \* Implementing minimal-copy of received data:
- \* IDT always receives data into a small buffer, then large buffers
- \* as needed. This means that data must always be copied to create
- \* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
- \* Fix is simple: make large buffers large enough to hold entire
- \* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then
- \* copy small buffer contents to head of large buffer.
- \* Trick is to avoid fragmenting Linux, due to need for a lot of large
- \* buffers. This is done by 2 things:
- \* 1) skb->destructor / skb->atm.recycle\_buffer
- \* combined, allow nicstar\_free\_rx\_skb to be called to
- \* recycle large data buffers
- \* 2) skb\_clone of received buffers
- \* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation
- \* details.
- \*
- \*
- \*
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\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a  
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## 1.96 grub2 1.2

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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)/$(BSD_LIB)
@-$(LDFCONFIG)
```

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 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:

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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

-

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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:

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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:  
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Gadi Oxman, August 1995

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```

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```
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```

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## 1.100 ipmi-tool 1.8.18

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# 1.101 tdb 1.44.3

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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 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:

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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

-

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Theodore Ts'o  
23-June-2007

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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.

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(For example, a function in a library to compute square roots has



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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:

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Gadi Oxman, August 1995

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```
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```

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

Ty Coon, President of Vice

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## 1.103 libmicrohttpd 0.9.59

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Julian Seward, Cambridge, UK.

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bzip2/libbzip2 version 1.0.2 of 30 December 2001

/\*

minibz2

libbz2.dll test program.

by Yoshioka Tsuneo (tsuneo@rr.iij4u.or.jp)

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# 1.115 atk 2.28.1

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```
<one line to give the program's name and a brief idea of what it does.>  
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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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```
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```

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

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The End

## 1.117 werkzeug 0.14.1

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-----  
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## 1.119 glib 2.58.0

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## 1.120 libconfig 1.7.2

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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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## 1.123 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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\*/

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## 1.124 libpcap 1.8.1

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## 1.125 kerberos 1.16

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cmd/krb5/kadmin/server/ipropl_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
```

lib/libgss/g\_compare\_name.c  
lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
lib/libgss/g\_init\_sec\_context.c  
lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
lib/libgss/g\_rel\_name.c  
lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
lib/libgss/g\_sign.c  
lib/libgss/g\_store\_cred.c  
lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

```
<title>MIT Kerberos License information &#8212; MIT Kerberos Documentation</title>
```

```
<link rel="stylesheet" href="_static/agogo.css" type="text/css" />
```

```
<link rel="stylesheet" href="_static/pygments.css" type="text/css" />
```

```
<link rel="stylesheet" href="_static/kerb.css" type="text/css" />
```

```
<script type="text/javascript">
```

```
var DOCUMENTATION_OPTIONS = {
```

```
    URL_ROOT:    '/',
```

```
    VERSION:    '1.17',
```

```
    COLLAPSE_INDEX: false,
```

```
    FILE_SUFFIX: '.html',
```

```
    HAS_SOURCE: true,
```

```
    SOURCELINK_SUFFIX: '.txt'
```

```
};
```

```
</script>
```

```
<script type="text/javascript" src="_static/jquery.js"></script>
```

```
<script type="text/javascript" src="_static/underscore.js"></script>
```

```
<script type="text/javascript" src="_static/doctools.js"></script>
```

```
<link rel="author" title="About these documents" href="about.html" />
```

```
<link rel="index" title="Index" href="genindex.html" />
```

```
<link rel="search" title="Search" href="search.html" />
```

```
<link rel="copyright" title="Copyright" href="copyright.html" />
```

```
<link rel="next" title="Copyright" href="copyright.html" />
```

```
<link rel="prev" title="MIT Kerberos features" href="mitK5features.html" />
```

```
</head>
```

```
<body>
```

```
<div class="header-wrapper">
```

```
<div class="header">
```

```
<h1><a href="index.html">MIT Kerberos Documentation</a></h1>
```

```
<div class="rel">
```

```
<a href="index.html" title="Full Table of Contents"
```

```
accesskey="C">Contents</a> |
```



```

<a href="mitK5features.html" title="MIT Kerberos features"
  accesskey="P">previous</a> |
<a href="copyright.html" title="Copyright"
  accesskey="N">next</a> |
<a href="genindex.html" title="General Index"
  accesskey="I">index</a> |
<a href="search.html" title="Enter search criteria"
  accesskey="S">Search</a> |
<a href="mailto:krb5-bugs@mit.edu?subject=Documentation__MIT Kerberos License
information">feedback</a>
  </div>
</div>
</div>
<div class="content-wrapper">
<div class="content">
<div class="document">

<div class="documentwrapper">
<div class="bodywrapper">
<div class="body" role="main">

<div class="section" id="mit-kerberos-license-information">
<span id="mitk5license"></span><h1>MIT Kerberos License information<a class="headerlink" href="#mit-
kerberos-license-information" title="Permalink to this headline"></a></h1>
<div class="toctree-wrapper compound">
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<div class="highlight-default"><div class="highlight"><pre><span></span><span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">generic</span><span class="o"></span><span class="n">gssapi\_err\_generic</span><span class="o"></span><span class="n">et</span></pre>

<span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_accept\_sec\_context</span><span class="o"></span><span class="n">c</span>

<span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_acquire\_cred</span><span class="o"></span><span class="n">c</span>

<span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_canon\_name</span><span class="o"></span><span class="n">c</span>

<span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_compare\_name</span><span class="o"></span><span class="n">c</span>

<span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_context\_time</span><span class="o"></span><span class="n">c</span>

<span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_delete\_sec\_context</span><span class="o"></span><span class="n">c</span>

<span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">g\_dsp\_name</span><span class="o"></span><span class="n">c</span>

<span class="n">lib</span><span class="o"></span><span class="n">gssapi</span><span class="o"></span><span class="n">mechglue</span><span class="o"></span><span class="n">







```
class="n">kdb_convert</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o">.</span><span class="n">kdb</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o">.</span><span class="n">kdb</span><span class="o">.</span><span class="n">h</span>
<span class="n">lib</span><span class="o">.</span><span class="n">krb5</span><span class="o">.</span><span class="n">error_tables</span><span class="o">.</span><span class="n">kdb5_err</span><span class="o">.</span><span class="n">et</span>
<span class="n">kprop</span><span class="o">.</span><span class="n">kpropd_rpc</span><span class="o">.</span><span class="n">c</span>
<span class="n">kprop</span><span class="o">.</span><span class="n">kproplog</span><span class="o">.</span><span class="n">c</span>
</pre></div>
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<h2>On this page</h2>

<ul>

<li><a class="reference internal" href="#">MIT Kerberos License information</a></li>

</ul>

<br/>

<h2>Table of contents</h2>

<ul>

<li class="toctree-l1"><a class="reference internal" href="user/index.html">For users</a></li>

<li class="toctree-l1"><a class="reference internal" href="admin/index.html">For administrators</a></li>

<li class="toctree-l1"><a class="reference internal" href="appdev/index.html">For application developers</a></li>

<li class="toctree-l1"><a class="reference internal" href="plugindev/index.html">For plugin module developers</a></li>

<li class="toctree-l1"><a class="reference internal" href="build/index.html">Building Kerberos V5</a></li>

<li class="toctree-l1"><a class="reference internal" href="basic/index.html">Kerberos V5 concepts</a></li>

<li class="toctree-l1"><a class="reference internal" href="formats/index.html">Protocols and file formats</a></li>

<li class="toctree-l1"><a class="reference internal" href="mitK5features.html">MIT Kerberos features</a></li>

<li class="toctree-l1"><a class="reference internal" href="build\_this.html">How to build this documentation from the source</a></li>

<li class="toctree-l1"><a class="reference internal" href="about.html">Contributing to the MIT Kerberos Documentation</a></li>

<li class="toctree-l1"><a class="reference internal" href="resources.html">Resources</a></li>  
</ul>

<br/>

<h4><a href="index.html">Full Table of Contents</a></h4>

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>Contents</a> |

<a href="mitK5features.html" title="MIT Kerberos features"

>previous</a> |

<a href="copyright.html" title="Copyright"

>next</a> |

<a href="genindex.html" title="General Index"

>index</a> |

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.. parsed-literal::

- lib/gssapi/generic/gssapi\_err\_generic.et
- lib/gssapi/mechglue/g\_accept\_sec\_context.c
- lib/gssapi/mechglue/g\_acquire\_cred.c
- lib/gssapi/mechglue/g\_canon\_name.c
- lib/gssapi/mechglue/g\_compare\_name.c
- lib/gssapi/mechglue/g\_context\_time.c
- lib/gssapi/mechglue/g\_delete\_sec\_context.c
- lib/gssapi/mechglue/g\_dsp\_name.c
- lib/gssapi/mechglue/g\_dsp\_status.c
- lib/gssapi/mechglue/g\_dup\_name.c
- lib/gssapi/mechglue/g\_exp\_sec\_context.c
- lib/gssapi/mechglue/g\_export\_name.c
- lib/gssapi/mechglue/g\_glue.c
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- lib/gssapi/mechglue/g\_init\_sec\_context.c
- lib/gssapi/mechglue/g\_initialize.c
- lib/gssapi/mechglue/g\_inquire\_context.c
- lib/gssapi/mechglue/g\_inquire\_cred.c
- lib/gssapi/mechglue/g\_inquire\_names.c
- lib/gssapi/mechglue/g\_process\_context.c
- lib/gssapi/mechglue/g\_rel\_buffer.c
- lib/gssapi/mechglue/g\_rel\_cred.c
- lib/gssapi/mechglue/g\_rel\_name.c
- lib/gssapi/mechglue/g\_rel\_oid\_set.c
- lib/gssapi/mechglue/g\_seal.c
- lib/gssapi/mechglue/g\_sign.c
- lib/gssapi/mechglue/g\_store\_cred.c
- lib/gssapi/mechglue/g\_unseal.c
- lib/gssapi/mechglue/g\_userok.c
- lib/gssapi/mechglue/g\_utils.c
- lib/gssapi/mechglue/g\_verify.c
- lib/gssapi/mechglue/gssd\_pname\_to\_uid.c
- lib/gssapi/mechglue/mglueP.h
- lib/gssapi/mechglue/oid\_ops.c
- lib/gssapi/spnego/gssapiP\_spnego.h
- lib/gssapi/spnego/spnego\_mech.c

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.. parsed-literal::

```
include/iproper_hdr.h
kadmin/server/iproperd_svc.c
lib/kdb/iproper.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c
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/*
```

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"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

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<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <title>Copyright &#8212; MIT Kerberos Documentation</title>
  <link rel="stylesheet" href="_static/agogo.css" type="text/css" />
  <link rel="stylesheet" href="_static/pygments.css" type="text/css" />
  <link rel="stylesheet" href="_static/kerb.css" type="text/css" />
  <script type="text/javascript">
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      VERSION: '1.17',
      COLLAPSE_INDEX: false,
      FILE_SUFFIX: '.html',
      HAS_SOURCE: true,
      SOURCELINK_SUFFIX: '.txt'
    };
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  <script type="text/javascript" src="_static/jquery.js"></script>
  <script type="text/javascript" src="_static/underscore.js"></script>
  <script type="text/javascript" src="_static/doctools.js"></script>
  <link rel="author" title="About these documents" href="about.html" />
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```

```

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<link rel="prev" title="MIT Kerberos License information" href="mitK5license.html" />
</head>
<body>
  <div class="header-wrapper">
    <div class="header">

      <h1><a href="index.html">MIT Kerberos Documentation</a></h1>

      <div class="rel">

        <a href="index.html" title="Full Table of Contents"
          accesskey="C">Contents</a> |
        <a href="mitK5license.html" title="MIT Kerberos License information"
          accesskey="P">previous</a> |
        <a href="build_this.html" title="How to build this documentation from the source"
          accesskey="N">next</a> |
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          accesskey="S">Search</a> |
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      </div>
    </div>
  </div>

  <div class="content-wrapper">
    <div class="content">
      <div class="document">

        <div class="documentwrapper">
          <div class="bodywrapper">
            <div class="body" role="main">

              <div class="section" id="copyright">
                <h1>Copyright<a class="headerlink" href="#copyright" title="Permalink to this headline"></a></h1>
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                information.</p>
              </div>

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        </div>
      </div>
    </div>
  </div>

```

```

</div>
</div>
<div class="sidebar">
<h2>On this page</h2>
<ul>
<li><a class="reference internal" href="#">Copyright</a></li>
</ul>

<br/>
<h2>Table of contents</h2>
<ul>
<li class="toctree-l1"><a class="reference internal" href="user/index.html">For users</a></li>
<li class="toctree-l1"><a class="reference internal" href="admin/index.html">For administrators</a></li>
<li class="toctree-l1"><a class="reference internal" href="appdev/index.html">For application developers</a></li>
<li class="toctree-l1"><a class="reference internal" href="plugindev/index.html">For plugin module
developers</a></li>
<li class="toctree-l1"><a class="reference internal" href="build/index.html">Building Kerberos V5</a></li>
<li class="toctree-l1"><a class="reference internal" href="basic/index.html">Kerberos V5 concepts</a></li>
<li class="toctree-l1"><a class="reference internal" href="formats/index.html">Protocols and file formats</a></li>
<li class="toctree-l1"><a class="reference internal" href="mitK5features.html">MIT Kerberos features</a></li>
<li class="toctree-l1"><a class="reference internal" href="build_this.html">How to build this documentation from
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<li class="toctree-l1"><a class="reference internal" href="resources.html">Resources</a></li>
</ul>

<br/>
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  <input type="submit" value="Go" />
  <input type="hidden" name="check_keywords" value="yes" />
  <input type="hidden" name="area" value="default" />
</form>
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<div class="clearer"></div>
</div>
</div>

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  >Contents</a> |
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  >Search</a> |
<a href="mailto:krb5-bugs@mit.edu?subject=Documentation__Copyright">feedback</a>
  </div>
</div>
</div>
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</body>
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```
</html>
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lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c

lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
kprop/kpropd\_rpc.c  
kprop/kproplog.c

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import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
            if text_seen:
                warn(fname, ln, 'License begins after first line of comment')
            elif code_seen:
                warn(fname, ln, 'License after code')
            elif nonlicense_seen:
                warn(fname, ln, 'License after non-license comments')
            break
        # DB2 licenses start with '/*-' and we don't want to change them.
        if line != " and line != '-':
            text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if ' -*- mode: c;' in lines[ln]:
        ln += 1

```

```

# Check filename comment if present.
m = re.match(r'^\* ([^ ]*)( - .*)? \*/', lines[ln])
if m:
    if m.group(1) != fname:
        warn(fname, ln, 'Wrong filename in comment')
    ln += 1

# Scan for license statements.
in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'^\*.*?\*/', '', line)
    line = line.strip()

    if not in_comment and '/' in line:
        (line, sep, comment_part) = line.partition('/')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '/' not in line:
        comment.append(line.lstrip('*').rstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('/')
        comment.append(comment_part.strip())
        is_license = check_comment(comment, fname, comment_starts_at,
                                   code_seen, nonlicense_seen)
        nonlicense_seen = nonlicense_seen or not is_license
        in_comment = False
    elif line.strip() != "":
        code_seen = True

    ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)
.. _mitK5license:

```

MIT Kerberos License information

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.. toctree::

:hidden:

copyright.rst

.. include:: notice.rst

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=====

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```
/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */
```

```
/*
```

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```
*/
```

## 1.126 itsdangerous 0.24

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# 1.127 mini-xml 2.11

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <[Cyan4973@github.com](mailto:Cyan4973@github.com)>

Source: <https://github.com/lz4/lz4>

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## 1.133 packaging 16.8

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## 1.134 libtasn 1.2

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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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it under the terms of the GNU General Public License as published by  
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```
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```

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@end smallexample
```

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## 1.138 libaom 68.0esr

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## 1.142 nettle 3.4

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```
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```

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

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The End

## 1.146 webencodings 0.5.1

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\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/x\_user\_defined.py

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/tests.py

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/labels.py

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/\_\_init\_\_.py

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```
from setuptools import setup, find_packages
import io
from os import path
import re
```

```
VERSION = re.search("VERSION = '([^\n]+)", io.open(
    path.join(path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8'
).read().strip()).group(1)
```

```
LONG_DESCRIPTION = io.open(
```

```
path.join(path.dirname(__file__), 'README.rst'),
encoding='utf-8'
).read()
```

```
setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
    maintainer_email='me@gsnedders.com',
    description='Character encoding aliases for legacy web content',
    long_description=LONG_DESCRIPTION,
    classifiers=[
        'Development Status :: 4 - Beta',
        'Intended Audience :: Developers',
        'License :: OSI Approved :: BSD License',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.6',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Programming Language :: Python :: Implementation :: CPython',
        'Programming Language :: Python :: Implementation :: PyPy',
        'Topic :: Internet :: WWW/HTTP',
    ],
    packages=find_packages(),
)
```

Found in path(s):

```
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/setup.py
```

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"""

webencodings.mklabels

~~~~~

Regenerate the webencodings.labels module.

:copyright: Copyright 2012 by Simon Sapin

```

:license: BSD, see LICENSE for details.

"""

import json
try:
    from urllib import urlopen
except ImportError:
    from urllib.request import urlopen

def assert_lower(string):
    assert string == string.lower()
    return string

def generate(url):
    parts = ["\

webencodings.labels
~~~~~

Map encoding labels to their name.

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"""

# XXX Do not edit!
# This file is automatically generated by mklabels.py

LABELS = {
    ""
    labels = [
        (repr(assert_lower(label)).lstrip('u'),
         repr(encoding['name']).lstrip('u'))
        for category in json.loads(urlopen(url).read().decode('ascii'))
        for encoding in category['encodings']
        for label in encoding['labels']]
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        ' %s:%s %s,\n' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}')
    return ".join(parts)

```

```
if __name__ == '__main__':
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))
```

Found in path(s):

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/mklabels.py

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Metadata-Version: 1.1

Name: webencodings

Version: 0.5.1

Summary: Character encoding aliases for legacy web content

Home-page: <https://github.com/SimonSapin/python-webencodings>

Author: Geoffrey Sneddon

Author-email: [me@gsnedders.com](mailto:me@gsnedders.com)

License: BSD

Description: python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard`  
<<http://encoding.spec.whatwg.org/>>`\_.

\* Latest documentation: <http://packages.python.org/webencodings/>

\* Source code and issue tracker:

<https://github.com/gsnedders/python-webencodings>

\* PyPI releases: <http://pypi.python.org/pypi/webencodings>

\* License: BSD

\* Python 2.6+ and 3.3+

In order to be compatible with legacy web content

when interpreting something like ``Content-Type: text/html; charset=latin1``,

tools need to use a particular set of aliases for encoding labels

as well as some overriding rules.

For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually

aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence

over any other encoding declaration.

The Encoding standard defines all such details so that implementations do

not have to reverse-engineer each other.

This module has encoding labels and BOM detection,

but the actual implementation for encoders and decoders is Python's.

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2  
Classifier: Programming Language :: Python :: 2.6  
Classifier: Programming Language :: Python :: 2.7  
Classifier: Programming Language :: Python :: 3  
Classifier: Programming Language :: Python :: 3.3  
Classifier: Programming Language :: Python :: 3.4  
Classifier: Programming Language :: Python :: 3.5  
Classifier: Programming Language :: Python :: 3.6  
Classifier: Programming Language :: Python :: Implementation :: CPython  
Classifier: Programming Language :: Python :: Implementation :: PyPy  
Classifier: Topic :: Internet :: WWW/HTTP

Found in path(s):

\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/PKG-INFO  
\* /opt/cola/permits/1110814957\_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings.egg-info/PKG-INFO

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python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard`  
<<http://encoding.spec.whatwg.org/>>` \_.

- \* Latest documentation: <http://packages.python.org/webencodings/>
- \* Source code and issue tracker:  
<https://github.com/gsnedders/python-webencodings>
- \* PyPI releases: <http://pypi.python.org/pypi/webencodings>
- \* License: BSD
- \* Python 2.6+ and 3.3+

In order to be compatible with legacy web content when interpreting something like ``Content-Type: text/html; charset=latin1``, tools need to use a particular set of aliases for encoding labels as well as some overriding rules. For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration. The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Pythons.

Found in path(s):

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# 1.147 open-iscsi 2.0.876

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Version 2, June 1991

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```

<signature of Ty Coon>, 1 April 1989  
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## 1.148 zlib 1.2.3

### 1.148.1 Available under license :

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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## 1.150 perl 5.24.4

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

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---

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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```

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```
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```

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```
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program `Gnomovision' (a program to direct compilers to make passes  
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```

```
<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.>  
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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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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;
}

```

# 1.151 gmp 6.1.2

## 1.151.1 Available under license :

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```
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```
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## 1.153 python 2.7.16

## 1.154 atk 2.26.2

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Version 2, June 1991

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## 1.155 tcl 8.5.7

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## 1.157 zlib 1.2.5

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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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```
*/
```

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```
## -*-makefile-*-
```

```
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
```

```
## Copyright (c) 1999-2009, International Business Machines Corporation and
```

```
## others. All Rights Reserved.
```

```
## 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} $@
```

```
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```

# 1.160 pcre 10.31

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-----

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THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

University of Cambridge Computing Service,

Cambridge, England.

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## 1.161 gunicorn 20.0.4

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gunicorn.logging\_config

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-----

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doc/sitemap\_gen.py

-----

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util/unlink.py

-----

backport from python3 Lib/test/support.py

## 1.162 curl 7.64.0

### 1.162.1 Available under license :

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## 1.163 tftp-hpa 0.49

### 1.163.1 Available under license :

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

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1066872890\_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/config.h

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1066872890\_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftp/main.c

\* /opt/ws\_local/PERMITS\_SQL/1066872890\_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-

0.49/common/tftpsubs.c

\* /opt/ws\_local/PERMITS\_SQL/1066872890\_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftp/tftp.c

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\*

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```

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*
* ----- */

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1066872890_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftpd/remap.h
* /opt/ws_local/PERMITS_SQL/1066872890_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftpd/remap.c
* /opt/ws_local/PERMITS_SQL/1066872890_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftpd/misc.c
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```

```

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

```

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1066872890\_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftp/tftp.1.in

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1066872890\_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftpd/tftpd.c

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

Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1066872890_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftpd/recvfrom.h
*/opt/ws_local/PERMITS_SQL/1066872890_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftpd/recvfrom.c
```

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

Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1066872890_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftpd/tftpd.h
```

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

Name: tftp

Version: 0.49

Release: 1

License: BSD

Group: Applications/Internet

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

BuildPreReq: tcp\_wrappers

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/ws\_local/PERMITS\_SQL/1066872890\_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftp.spec

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

```

Found in path(s):

```

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0.49/tftpd/tftpd.8.in

```

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```

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```

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\* /opt/ws\_local/PERMITS\_SQL/1066872890\_1597797277.96/0/tftp-hpa-0-49-orig-tar-gz/tftp-hpa-0.49/tftp/extern.h

# 1.164 diffutils 3.6

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Version 3, 29 June 2007

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```

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```

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x ?"U@,5 @mISmIN<GimCN7g1u|E  
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI\*mImI

A0mImImI...

lost+found...

;9GimCN7g

!"#\$%&'()\*+,-

./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^\_`abcdefghijklmnopqrstuvwxyz{|}~

!"#\$%&'()\*+,-

./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^\_`abcdefghijklmnopqrstuvwxyz{|}~

!"#\$%&'()\*+,-

./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^\_`abcdefghijklmnopqrstuvwxyz{|}~

!"#\$%&'()\*+,-

./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^\_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@

WEV[B "1

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## 1.168 sudo 1.8.23

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

The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete--if you believe you should be listed, please send a note to sudo@sudo.ws.

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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  
Brooks, Piete  
Brown, Jerry  
Burr, Michael E  
Burton, Ross  
Bussjaeger, Andreas  
Calvin, Gary  
Campbell, Aaron  
Chazelas, Stephane  
ek, Vtislav  
Coleman, Chris  
Corzine, Deven T.  
Cusack, Frank  
Dai, Wei  
Dill, David  
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Eckhardt, Drew  
Edgington, Ben  
Esipovich, Marc  
Espie, Marc  
Faigon, Ariel  
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Hunter, Michael T.  
Hutchings, Ben  
Irrgang, Eric  
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Janssen, Mark

Jepeway, Chris  
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Juhani, Timo  
Kikuchi, Ayamura  
Kadow, Kevin  
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King, Michael  
Klyachkin, Andrey  
Knoble, Jim  
Knox, Tim  
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Kondrashov, Nikolai  
Kopeek, Daniel  
Kranenburg, Paul  
Krause, David  
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Larsen, Case  
Levin, Dmitry V.  
Libby, Kendall  
Lobbes, Phillip E.  
McIntyre, Jason  
MacKenzie, David J.  
McLaughlin, Tom  
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Marchionna, Michael D.  
Markham, Paul  
Martinian, Emin  
Meskes, Michael  
Michael, David  
Miller, Todd C.  
Minier, Loc  
Moffat, Darren  
Moldung, Jan Thomas  
Morris, Charles  
Mueller, Andreas  
Mller, Dworkin  
Nieusma, Jeff  
Nikitser, Peter A.  
Nussel, Ludwig  
Ouellet, Jean-Philippe  
Paquet, Eric  
Paradis, Chantal  
Percival, Ted  
Perera, Andres  
Peron, Christian S.J.  
Peschel, Aaron

Peslyak, Alexander  
Peterson, Toby  
Petten, Diego Elio  
Pickett, Joel  
Plotnick, Alex  
de Raadt, Theo  
Rasch, Gudleik  
Reid, Steve  
Richards, Matt  
Rossum, Guido van  
Rouillard, John P.  
Rowe, William A., Jr.  
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Ryabinkin, Eygene  
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Snchez, Wilfredo  
Saucier, Jean-Francois  
Schoenfeld, Patrick  
Schuring, Arno  
Schwarze, Ingo  
Scott, Dougal  
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Simon, Thor Lancelot  
Slemko, Marc  
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Soulen, Steven  
Spangler, Aaron  
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Stier, Matthew  
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Street, Russell  
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Walsh, Dan  
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Webb, Kirk  
Wetzel, Timm  
Wieringen, Marco van  
Wilk, Jakub  
Winiger, Gary  
Wood, David  
Zacarias, Gustavo  
Zolnowsky, John

The following people have worked to translate sudo into other languages:

Blttermann, Mario  
Bogusz, Jakub  
Buo-ren, Lin  
Casagrande, Milo  
Castro, Felipe  
Cho, Seong-ho  
Chornoivan, Yuri  
Diguez, Francisco  
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r, Balzs  
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This is the Debian-Linux prepackaged version of the Linux console font and keytable utilities.

This package was put together by Yann Dirson <dirson@debian.org>, from sources you can get from:

<ftp://sunsite.unc.edu/pub/Linux/system/keyboards/console-tools->\*

`console-tools' was derived from kbd-0.94 by Yann Dirson <dirson@debian.org>.

The Linux Console Tools are covered by the GPL (see /usr/doc/copyright/GPL for details).

The copyright notice for the original `kbd' package tells that loadkeys, dumpkeys and showkey were derived from Risto Kankkunen's kbd-0.81. The font loading code goes back to the codepage package by Joel Hoffman (joel@wam.umd.edu). (He told that the original reference is: "From: p. 307 of *\_Programmer's Guide to PC & PS/2 Video Systems\_* by Richard Wilton. 1987. Microsoft Press".) The kernel and user interface for the font loading closely used to follow Eugene Crosser's intl\_con package, but that may not be true anymore. [Similar things were done earlier by Jerry Kaidor (tr2!jerry@abekas.com, jkaidor@synoptics.com) : fontpak, H. Peter Anvin (hpa@nwu.edu) and Pavel ZaboJ (xzaboJ@vse.cs). Their code was not used, but the Latin-1 \*.psf fonts were developed by H. Peter Anvin, and the Latin-2 ones by Pavel ZaboJ.] The current maintainer of `kbd' is Andries Brouwer <aeb@cwi.nl>.

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The PSF file-format

(C) 1997 Yann Dirson <dirson@debian.org>

This file documents the PSF font-file-format, as understood by version 0.94  
and above of the Linux console utilities ('kbd'). This file makes obsolete  
the old 'psffile.doc'.

This file has revision number 1.1, and is dated 1998/04/20.  
Any useful additional information on PSF files would be great.

0. Changes:

1998/08/20: updated author's e-mail.  
1998/08/20: History of the format from hpa himself.  
1998/08/20: Fixed 'filemode' description from hpa's input.

1. Summary

PSF stands for PC Screen Font.

A PSF file basically contains one character-font, whose width is 8 pixels,  
ie. each scanline in a character occupies 1 byte.

It may contain characters of any height between 0 and 255, though character  
heights lower than 8 or greater than 32 are not attested to exist or even be  
useful [more info needed on this].

Fonts can contain either 256 or 512 characters.

The file can optionally contain a unicode mapping-table, telling, for each character in the font, which UCS2 characters it can be used to display.

The "file mode" byte controls font size (256/512) and whether file contains a unicode mapping table.

## 2. History

The PSF file format was designed by H. Peter Anvin <hpa@transmeta.com> in 1989 or so for his DOS screen font editor, FONTEDIT.EXE. When he became involved with Linux, he used it for the Linux font stuff he worked with, released a binary of FONTEDIT.EXE for free distribution, and added the Unicode table to the spec.

## 3. Known programs understanding this file-format.

The following program in the Linux console utilities can read and/or write PSF files:

```
setfont (R/W)
psfaddtable (R/W)
psfstrietable (R/W)
psfgettable (R)
```

## 4. Technical data

The file format is described here in sort-of EBNF notation. Upper-case WORDS represent terminal symbols, ie. C types; lower-case words represent non-terminal symbols, ie. symbols defined in terms of other symbols.

[sym] is an optional symbol

{sym} is a symbol that can be repeated 0 or more times

{sym}\*N is a symbol that must be repeated N times

Comments are introduced with a # sign.

```
# The data (U_SHORT's) are stored in LITTLE_ENDIAN byte order.
```

```
psf_file = psf_header
raw_fontdata
[unicode_data]
```

```
psf_header = CHAR = 0x36 CHAR = 0x04 # magic number
filemode
fontheight
```

```

fontheight = CHAR # measured in scan lines
filemode = CHAR # 0 : 256 characters, no unicode_data
# 1 : 512 characters, no unicode_data
# 2 : 256 characters, with unicode_data
# 3 : 512 characters, with unicode_data

#

raw_fontdata = {char_data}*<fontsize>

char_data = {BYTE}*<fontheight>

#

unicode_data = { unicode_array psf_separator }*<fontsize>

unicode_array = { unicode } # any necessary number of times

unicode = U_SHORT # UCS2 code
psf_separator = unicode = 0xFFFF
This is console-tools-0.3.2.

```

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The files

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showkey.c keymaps.5 loadkeys.1 dumpkeys.1 showkey.1
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chvt.c clrunimap.c deallocvt.c fgconsole.c findfile.c
getfd.c getkeycodes.c getunimap.c kbd_mode.c loadunimap.c
resizecons.c screendump.c setkeycodes.c setleds.c
setmetamode.c setvesablank.c showfont.c spawn_console.c

```

spawn\_login.c  
chvt.1 dealloct.1 kbd\_mode.1 setleds.1 setmetamode.1  
getkeycodes.8 loadunimap.8 resizecons.8 setkeycodes.8  
kbd.FAQ.\*

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## 1.175 libxdmcp 1\_1.1.2-r0

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# 1.176 grub2 2.02

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## 1.177 sysv-init 2.88

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- \* A rewrite of the original Debian's start-stop-daemon Perl script
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- \*
- \* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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```

```
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Ty Coon, President of Vice
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## 1.179 python 3.5.6

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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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|----------------|--------------|-----------|------------|---------------------|
| 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                 |
| 2.1.2          | 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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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 <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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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>

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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 Project, <http://www.wide.ad.jp/>. ::

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## 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

-----

The `:mod:`xmlrpc.client`` module contains the following notice::

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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:

<https://github.com/majek/csiphash/>

Solution inspired by code from:

Samuel Neves (supercop/crypto\_auth/siphhash24/little)

djb (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 March 16, 2009, contains the following copyright and licensing notice::

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## OpenSSL

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zlib

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cfuhash

-----

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## 1.182 xorg-server 1.20.1

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## 1.183 free-type 2.9.1

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#

docs/FTL.TXT

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#

include/freetype/internal/fthash.h

#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

```
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftandom/ftandom.c
#
# EOF
```

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