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Contents

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   1.1.1 Available under license
1.2 pika 1.1.0
   1.2.1 Available under license
1.3 lzo 2.10
   1.3.1 Available under license
1.4 cairo 1.14.12
   1.4.1 Available under license
1.5 netkit-telnet 0.17
   1.5.1 Available under license
1.6 dmidecode 3.5
   1.6.1 Available under license
1.7 dhcp 4.4.1
   1.7.1 Available under license
1.8 ncurses 6.1+20180630
   1.8.1 Available under license
1.9 python 3.7.4
   1.9.1 Available under license
1.10 kmod 25+git0+aca4eca103
   1.10.1 Available under license
1.11 notary 0.4.2
   1.11.1 Available under license
1.12 libtasn 4.13
   1.12.1 Available under license
1.13 icu 62
   1.13.1 Available under license
1.14 gdbm 1.18
  1.14.1 Available under license
1.15 concurrentloghandler 0.9.1-5.ph4
  1.15.1 Available under license
1.16 ipmi-tool 1.8.18
  1.16.1 Available under license
1.17 sysv-init 2.86-1
  1.17.1 Available under license
1.18 spidermonkey 1.7.0
  1.18.1 Available under license
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  1.19.1 Available under license
1.20 runc 1.0.0+rc5+git0+6a2c155968
  1.20.1 Available under license
1.21 popt 1.16
  1.21.1 Available under license
1.22 libgcrypt 1.8.4
  1.22.1 Available under license
1.23 cracklib 2.9.5
  1.23.1 Available under license
1.24 luajit 2.0.5
  1.24.1 Available under license
1.25 libjpeg 6b
  1.25.1 Notifications
  1.25.2 Available under license
1.26 xerces-j 2.11.0
  1.26.1 Available under license
1.27 protobuf-c 1.3.1
  1.27.1 Available under license
1.28 jaxen 62
  1.28.1 Available under license
1.29 protobuf 3.6.1
1.30 bridgeutils 1.6
  1.30.1 Available under license
1.31 bcel 6.4.1
  1.31.1 Available under license
1.32 crs-shared 0.6.0
  1.32.1 Available under license
1.33 xerces-j 2.11.0
1.33.1 Available under license
1.34 bind 8.2.0
1.34.1 Available under license
1.35 libaio 0.3.111
1.35.1 Available under license
1.36 apr-util 1.6.1
1.36.1 Available under license
1.37 harfbuzz 1.8.8
1.37.1 Available under license
1.38 pkix-ssh 12.1
1.38.1 Available under license
1.39 heimdal 1.0.1
1.39.1 Available under license
1.40 bind 9.11.4
1.40.1 Available under license
1.41 sysstat 11.7.4
1.41.1 Available under license
1.42 time 1.9
1.42.1 Available under license
1.43 avahi 0.7
1.43.1 Available under license
1.44 asm 5.0.3
1.44.1 Available under license
1.45 openjdk 1.8.0u282
1.45.1 Available under license
1.46 python 2.7.15
1.46.1 Available under license
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1.47.1 Available under license
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1.48.1 Available under license
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1.49.1 Available under license
1.50 libusb 1.0.22
1.50.1 Available under license
1.51 pyasn1 0.4.4-1.ph3
1.51.1 Available under license
1.52 docker-cli 18.09.0+git489b8eda6674523df8b82a210399b
1.52.1 Available under license
1.53 glib 2.60.4
   1.53.1 Available under license
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   1.54.1 Available under license
1.55 webencodings 0.5.1
   1.55.1 Available under license
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   1.56.1 Available under license
1.57 guava 12.0
   1.57.1 Available under license
1.58 crs-client 0.6.0
   1.58.1 Available under license
1.59 cpio 2.12
   1.59.1 Available under license
1.60 libtirpc 1.0.3
   1.60.1 Available under license
1.61 crs-log 0.6.0
   1.61.1 Available under license
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   1.62.1 Available under license
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   1.63.1 Available under license
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   1.64.1 Available under license
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   1.65.1 Available under license
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   1.66.1 Available under license
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   1.67.1 Available under license
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   1.68.1 Available under license
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   1.69.1 Available under license
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   1.70.1 Available under license
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   1.71.1 Available under license
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1.72.1 Available under license
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  1.73.1 Available under license
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  1.74.1 Available under license
1.75 rng-tools 5
  1.75.1 Available under license
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  1.76.1 Available under license
1.77 ntp 4.2.8p15
  1.77.1 Available under license
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  1.78.1 Available under license
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  1.79.1 Available under license
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  1.80.1 Available under license
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  1.81.1 Available under license
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  1.82.1 Available under license
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  1.83.1 Available under license
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  1.84.1 Available under license
1.85 stunnel 5.49
  1.85.1 Available under license
1.86 xfsprogs 4.18.0
  1.86.1 Available under license
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  1.87.1 Available under license
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  1.88.1 Available under license
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  1.89.1 Notifications
  1.89.2 Available under license
1.90 xinetd 2.3.15
  1.90.1 Available under license
1.91 python-setuptools 40.0.0
1.91.1 Available under license
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1.92.1 Available under license
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1.93.1 Available under license
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1.94.1 Available under license
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1.95.1 Available under license
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1.96.1 Available under license
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1.97.1 Available under license
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1.98.1 Available under license
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1.99.1 Available under license
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1.100.1 Available under license
1.101 linux-kernel 4.18.45
1.101.1 Available under license
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1.102.1 Available under license
1.103 file 5.34
1.103.1 Available under license
1.104 incremental 17.5.0-2.ph4
1.104.1 Available under license
1.105 bzip2 1.0.6
1.105.1 Available under license
1.106 sqlite 3.23.1
1.106.1 Available under license
1.107 curl 7.61.0
1.107.1 Available under license
1.108 pyyaml 3.13
1.108.1 Available under license
1.109 sysv-init 2.88
1.109.1 Available under license
1.110 click 6.7
1.110.1 Available under license
1.111 json-c 0.13.1
    1.111.1 Available under license
1.112 unzip 6.0
    1.112.1 Available under license
1.113 libgpg-error 1.32
    1.113.1 Available under license
1.114 pcre 8.42
    1.114.1 Available under license
1.115 kerberos 1.16.1
    1.115.1 Available under license
1.116 pyparsing 2.2.0-3.ph3
    1.116.1 Available under license
1.117 c-ares 1.14.0
    1.117.1 Available under license
1.118 zlib 1.2.8
    1.118.1 Available under license
1.119 hyperlink 18.0.0-3.ph3
    1.119.1 Available under license
1.120 rrdtool 1.7.0
    1.120.1 Available under license
1.121 less 530
    1.121.1 Available under license
1.122 screen 4.6.2
    1.122.1 Available under license
1.123 libtool 2.4.6
    1.123.1 Available under license
1.124 zlib 1.2.11
    1.124.1 Available under license
1.125 findutils 4.6.0
    1.125.1 Available under license
1.126 cronie 1.5.2
    1.126.1 Available under license
1.127 d-bus 1.12.10
    1.127.1 Available under license
1.128 pango 1.42.4
    1.128.1 Available under license
1.129 libvirt 4.7.0
    1.129.1 Available under license
1.130 iputils s20180629
1.130.1 Available under license
1.131 fdisk 2.32.1
   1.131.1 Available under license
1.132 multipart-parser-c NA
   1.132.1 Available under license
1.133 perl 5.24.4
   1.133.1 Available under license
1.134 esapi 2.1.0
   1.134.1 Available under license
1.135 supervisor 4.2.0
   1.135.1 Available under license
1.136 libffi 3.2.1
   1.136.1 Available under license
1.137 libpng 1.6.35
   1.137.1 Available under license
1.138 crs-z-agent 0.6.0
   1.138.1 Available under license
1.139 kexec-tools 2.0.17
   1.139.1 Available under license
1.140 giflib 1.0
   1.140.1 Available under license
1.141 constantly 15.1.0-3.ph4
   1.141.1 Available under license
1.142 curl 7.54.1
   1.142.1 Available under license
1.143 traceroute 2.1.0-r0
   1.143.1 Available under license
1.144 udev 3.2.5
   1.144.1 Available under license
1.145 lvm2 2.02.180
   1.145.1 Available under license
1.146 libcgroup 0.41
   1.146.1 Available under license
1.147 librabbitmq 0.11.0
   1.147.1 Available under license
1.148 net-snmp 5.8
   1.148.1 Available under license
1.149 libarchive 3.4.3
   1.149.1 Available under license
1.150 vim 7.4.160
   1.150.1 Available under license
1.151 libcroco 0.6.13
   1.151.1 Available under license
1.152 libseccomp 2.3.3
   1.152.1 Available under license
1.153 shadow 4.6
   1.153.1 Available under license
1.154 asyncio 3.7.4
   1.154.1 Available under license
1.155 iproute 4.19.0
   1.155.1 Available under license
1.156 avahi 0.6
   1.156.1 Available under license
1.157 gnutls 3.6.4
   1.157.1 Available under license
1.158 jsmn 6572217a0e71dc13c9ea5571203187f383665e0
   1.158.1 Available under license
1.159 open-ldap 2.4.46
   1.159.1 Available under license
1.160 net-tools 1.60
   1.160.1 Available under license
1.161 syslog-ng 3.16.1
   1.161.1 Available under license
1.162 Isof 4.91
   1.162.1 Available under license
1.163 pycrypto 2.6.1
   1.163.1 Available under license
1.164 apr 1.6.3
1.165 libunwind 1.2-rc1
   1.165.1 Available under license
1.166 tornado 5.1
   1.166.1 Available under license
1.167 acl 2.2.52
   1.167.1 Available under license
1.168 dosfs-tools 4.1
   1.168.1 Available under license
1.169 openssl 0.9.7d
   1.169.1 Available under license
1.170 cyrus-sasl 2.1.20
   1.170.1 Available under license
1.171 libtasn 4.12
   1.171.1 Available under license
1.172 libevent 2.1.8
   1.172.1 Available under license
1.173 talloc 2.1.14
   1.173.1 Available under license
1.174 zlib 1.2.3
   1.174.1 Available under license
1.175 luasocket 2.0
   1.175.1 Available under license
1.176 unzip 6.0-19.el7
   1.176.1 Available under license
1.177 libssh2 1.6.0
   1.177.1 Available under license
1.178 e2fsprogs 1.44.3
   1.178.1 Available under license
1.179 libxslt 1.1.32
   1.179.1 Available under license
1.180 pycrypto 2.6.1-5.ph2
   1.180.1 Available under license
1.181 attrs 18.1.0
   1.181.1 Available under license
1.182 shared-mime-info 1.1
   1.182.1 Available under license
1.183 csrp 1.0
   1.183.1 Available under license
1.184 jackson-databind 2.9.8
   1.184.1 Available under license
1.185 pciutils 3.6.2
   1.185.1 Available under license
1.186 log-rotate 3.14.0
   1.186.1 Available under license
1.187 tcp-wrappers 7.6
   1.187.1 Available under license
1.188 json-glib 1.4.2
   1.188.1 Available under license
1.189 xmlsec-java 2.2.0
1.189.1 Available under license
1.190 libnl3 3.4.0
   1.190.1 Available under license
1.191 mdadm 4.1
   1.191.1 Available under license
1.192 libidn 1.35
   1.192.1 Available under license
1.193 openssl 1.1.1j
   1.193.1 Available under license
1.194 libxml 2.9.8
   1.194.1 Available under license
1.195 pam 1.3.0
   1.195.1 Available under license
1.196 openorb 1.8.0_252
   1.196.1 Available under license
1.197 libdaemon 0.14
   1.197.1 Available under license
1.198 gmp 6.1.2
   1.198.1 Available under license
1.199 fail2ban 0.11.2
   1.199.1 Available under license
1.200 urllib3 1.23
   1.200.1 Available under license
1.201 ebtables 2.0.10
   1.201.1 Available under license
1.202 openjdk-jre 1.8.0u282
   1.202.1 Available under license
1.203 istack-commons 3.0.11
   1.203.1 Available under license
1.204 sudo 1.9.5
   1.204.1 Available under license
1.205 expat 2.2.7
   1.205.1 Available under license
1.206 saaj 1.4
   1.206.1 Available under license
1.207 grep 3.1
   1.207.1 Available under license
1.208 hd-parm 9.56
   1.208.1 Available under license
1.209 jaxb-core 2.2.11
   1.209.1 Available under license
1.210 xdelta 3.0.11
   1.210.1 Available under license
1.211 acpid 2.0.30
   1.211.1 Available under license
1.212 gdisk 1.0.4
   1.212.1 Available under license
1.213 gettext 0.19.8.1
   1.213.1 Available under license
1.214 nettle 3.4
   1.214.1 Available under license
1.215 libpciaccess 0.14
   1.215.1 Available under license
1.216 tcl 8.6.8
   1.216.1 Available under license
1.217 activation 1.1
   1.217.1 Available under license
1.218 elfutils 0.175
   1.218.1 Available under license
1.219 jackson-annotations 2.12.0
   1.219.1 Available under license
1.220 django 1.11.14
   1.220.1 Available under license
1.221 docker 18.09.0+git489b8eda6674523df8b82a210399b
   1.221.1 Available under license
1.222 ethtool 4.19
   1.222.1 Available under license
1.223 libpcap 1.8.1
   1.223.1 Available under license
1.224 libdevmapper 2.02.180
   1.224.1 Available under license
1.225 zope-interface 4.5.0
   1.225.1 Available under license
1.226 cavium-octeon 3.1.0_p4
   1.226.1 Available under license
1.227 openssh 8.0-p1
   1.227.1 Available under license
1.228 bash 4.4.23
1.228.1 Available under license

1.229 lm-sensors 3.4.0
   1.229.1 Available under license

1.230 libnuma 2.0.12
   1.230.1 Available under license

1.231 procps 3.3.15
   1.231.1 Available under license

1.232 libcap 2.25
   1.232.1 Available under license

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   1.233.1 Available under license

1.234 apache 2.4.39

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   1.235.1 Available under license

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   1.236.1 Available under license

1.237 six 1.15.0-3.ph4
   1.237.1 Available under license

1.238 pigz 2.4
   1.238.1 Available under license

1.239 berkeley-db 6.0.30
   1.239.1 Available under license

1.240 log4cxx 0.10.0
   1.240.1 Available under license

1.241 cyrus-sasl 2.1.27
   1.241.1 Available under license

1.242 busybox 1.29.2
   1.242.1 Available under license

1.243 legacy8ujsse 1.1.1
   1.243.1 Available under license

1.244 libidn 2.0.5
   1.244.1 Available under license

1.245 apache-log4j 1.2.15
   1.245.1 Available under license

1.246 gperftools 2.7
   1.246.1 Available under license

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   1.247.1 Available under license

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1.249.1 Available under license

1.250 lcms 1.0  
1.250.1 Available under license

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1.251.1 Available under license

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1.252.1 Available under license

1.253 gzip 1.9  
1.253.1 Available under license

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1.254.1 Available under license

1.255 attr 2.4.47  
1.255.1 Available under license

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1.256.1 Available under license

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1.257.1 Available under license

1.258 iconv 2.28  
1.258.1 Available under license

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1.259.1 Available under license

1.260 xz 5.2.4  
1.260.1 Available under license

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1.261.1 Available under license

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1.262.1 Available under license

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1.263.1 Available under license

1.264 xml-commons-resolver 1.2  
1.264.1 Available under license

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1.265.1 Available under license

1.266 beecrypt 4.2.1  
1.266.1 Available under license

1.267 zlib 1.2.5  
1.267.1 Available under license
1.268 smartmontools 6.6
   1.268.1 Available under license
1.269 p11-kit 0.23.5-3.el7
   1.269.1 Available under license
1.270 parted 3.2
   1.270.1 Available under license
1.271 fontconfig 2.12.6
   1.271.1 Available under license
1.272 lasso 2.5.1
   1.272.1 Available under license
1.273 qemu 2.4.0
   1.273.1 Available under license
1.274 python-setuptools 40.8.0
   1.274.1 Available under license
1.275 libevent 2.0.22
   1.275.1 Available under license
1.276 diffutils 3.6
   1.276.1 Available under license
1.277 zeromq 4.2.3
   1.277.1 Available under license
1.278 pip 19.0.3
   1.278.1 Available under license
1.279 libwww 5.4.2
   1.279.1 Available under license
1.280 pixman 0.34.0
   1.280.1 Available under license
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   Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
   This is a bundle of X.509 certificates of public Certificate Authorities (CA).
   These were automatically extracted from Mozilla's root certificates

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file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) RCSfile: certdata.txt,v $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

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1.4 cairo 1.14.12

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

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

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

   Author: Julio Merino <jmmv@NetBSD.org>

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

   Author: Julio Merino <jmmv84@gmail.com>

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

   Author: Julio Merino <jmmv84@gmail.com>

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-->

<!-- $Id$ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">
  <xsl:template name="isc.copyright.format">
    <xsl:param name="text"/>
    <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
    <xsl:text>&#10;</xsl:text>
    <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
    <xsl:if test="translate($rest, '&#9;&#32;', '')">
      <xsl:call-template name="isc.copyright.format">
        <xsl:with-param name="text" select="$rest"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:template>

  <xsl:variable name="isc.copyright.text">
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  </xsl:variable>
</xsl:stylesheet>
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1.8 ncurses 6.1+20180630

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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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|----------------+--------------+------------+------------+-----------------+
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| 1.3 thru 1.5.2 | 1.2          | 1995-1999  | CNRI       | yes             |
| 1.6            | 1.5.2        | 2000       | CNRI       | no              |
| 2.0            | 1.6          | 2000       | BeOpen.com | no              |
| 1.6.1          | 1.6          | 2001       | CNRI       | no              |</p>
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Mersenne Twister
----------------

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

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

Before using, initialize the state by using init_genrand(seed)
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
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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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--------

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Original location:
https://github.com/majek/csiphash/

Solution inspired by code from:
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  djb (supercop/crypto_auth/siphash24/little2)
  Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa

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

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, 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.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

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other software that is released under the GPL; the others don't.
(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.10 kmod 25+git0+aca4eca103

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Gocheck - A rich testing framework for Go

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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1.13 ICU 62

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

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

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

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

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

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

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao
## Compilation rules

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

## Dependency rules

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

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

## Versioned libraries rules

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

## Bind internal references

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

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

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

## End BSD-specific setup
1.14 gdbm 1.18

1.14.1 Available under license:

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1.15 concurrentloghandler 0.9.1-5.ph4

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1.16 ipmi-tool 1.8.18

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1.17 sysv-init 2.86-1

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1.18 spidermonkey 1.7.0

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Author: Marc Bevand <bevand_m (at) epita.fr>
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1.23 cracklib 2.9.5

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Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.
[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly
and see if he wants to relicense his code as LGPL... but at this point,
it was enough to just get it consistent and documented as to what it was
released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.

-- Nathan

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33
Attachments: Message as HTML
On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing
> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike
released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not
GPL-2 ... it was a modified artistic license ... i didn't notice the license=
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =
a=20
library to dictact to application writes what license they should be using.=
=20
thus LGPL-2.1 enters to fill this void.
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan
=20
------------------------------------------------------------
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
> =20
> On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
> directly
> > and see if he wants to relicense his code as LGPL... but at this
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released under. This wasn't actually a license change, just a
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not
GPL-2 ... it was a modified artistic license ... i didn't notice the
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Unlike the old license, GPL-2 prevents people from using cracklib
unless their
applications are also GPL-2 which imo is just wrong. it isn't the
place of a
library to dictate to application writes what license they should
be using.
thus LGPL-2.1 enters to fill this void.

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small
bit of
additional code, so whatever licensing y'all come up with is fine
by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL....

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.
Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > Seems like the ideal thing here would be for you and the other distro
> > > maintainers to get together with Alec in a conversation and come to a
> > > decision as to what licensing scheme y'all want. I haven't really done
> > > much other than cleaning up the packaging and patches and a small
> > > bit of
> > > additional code, so whatever licensing y'all come up with is fine
> > > by me.
> >
> > I am sympathetic. Guys, what do you reckon?
> >
> > What I am hearing so far is that LGPL makes sense, since it can be
> > linked with any code, not just GPL…

My apologies for not chiming in in anything resembling a reasonable
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,
GPLv2 with the option of using the library under a later version of the
GPL would permit applications which were released under version 3 of the
GPL to use the library, too, which would be sufficient for the packages
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > > Seems like the ideal thing here would be for you and the other distro
> > > > maintainers to get together with Alec in a conversation and come to a
> > > > decision as to what licensing scheme y'all want. I haven't really done
> > > > much other than cleaning up the packaging and patches and a small
bit of additional code, so whatever licensing y'all come up with is fine by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

yes. go for it. thanks++
Nathan Neulinger is the only one who can actually make said change ...
-mike

---------
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
---------

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-------------------------------------
From alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
    Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
    Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43) by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47]) by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtp020623 for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142]) by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311 for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3]) by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1IcOcX-0004Qt-6L for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k1ldac0afplf2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
Any chance you could write me a self-contained email stating clearly that the license is being changed to GPL, so I could include that email in the repository and clean up the repository/tarballs? I have all the original discussion, but something succinct and self-contained would be ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.24 luajit 2.0.5
1.24.1 Available under license:

===============================================================================
LuaJIT -- a Just-In-Time Compiler for Lua. http://luajit.org/

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[ LuaJIT includes code from Lua 5.1/5.2, which has this license statement: ]

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===============================================================================
[ LuaJIT includes code from dmalloc, which has this license statement: ]

This is a version (aka dmalloc) of malloc/free/realloc written by Doug Lea and released to the public domain, as explained at http://creativecommons.org/licenses/publicdomain
1.25 libjpeg 6b

1.25.1 Notifications :
This software is based in part on the work of the Independent JPEG Group.

1.25.2 Available under license :
The Independent JPEG Group's JPEG software

README for release 6b of 27-Mar-1998

This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION ROADMAP

This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW
========

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.
In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

LEGAL ISSUES
============

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2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

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(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.)

So far as we are aware, there are no patent restrictions on the remaining code.
The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

REFERENCES
==========

We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314
A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp://ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.
The “official” archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 “JPEG Tools”. Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/.

If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE
===============

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/.

Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford,
is available from ftp://havefun.stanford.edu/pub/jpeg/. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.26 xerces-j 2.11.0

1.26.1 Available under license:

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Version 2.0, January 2004

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1.28 jaxen 62

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers.

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

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

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cffe2bb5b6.

  Author: Julio Merino <jmmv@NetBSD.org>

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

  Author: Julio Merino <jmmv84@gmail.com>

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

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1.38 pkix-ssh 12.1

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@version 3.0 (December 2000)

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

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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  Author: Julio Merino <jmmv@users.sourceforge.net>

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

  Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and piostream classes and tests found in the Boost.Process library.
Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

---

vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
</!
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-->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">

<xsl:variable name="isc.copyright.text">
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</xsl:variable>
</xsl:stylesheet>
file, You can obtain one at http://mozilla.org/MPL/2.0/.
</xsl:text>
</xsl:variable>

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

<!--
- Local variables:
- mode: sgml
- End:
-->

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1.42 time 1.9

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/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [{@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}]
 * version.
 *
 * @param owner
 *     the owner's class name.
 * @param access
 *     the method's access flags (see {@link Opcodes}).
 * @param name
 *     the method's name.
 * @param desc
 *     the method's descriptor (see {@link Type}).
 * @param mv
 *     the method visitor to which this adapter delegates calls. May
 *     be <tt>null</tt>.
 * @throws IllegalStateException
 *     If a subclass calls this constructor.
 */
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 */
/**
 * Creates a new [@link GeneratorAdapter]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [@link #GeneratorAdapter(int, MethodVisitor, int, String, String)]
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see [@link Opcodes]).
 * @param name
 * the method's name.
 * @param desc
* the method's descriptor (see [@link Type Type]).
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 * the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use <code>null</code> for none).
 * @param access
 * the method's access flags (see [@link Opcodes]). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see [@link Type]).
 * @param signature
 * the method's signature. May be <tt>null</tt>.
 * @param exceptions
 * the internal names of the method's exception classes (see
 * {@link Type#getInternalName() getInternalName()}). May be
/**
 * Constructs a new \link LocalVariableAnnotationNode. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * \{\link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)\}
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See \{\link TypeReference\}.
 * @param typePath
 */

/*
 * null
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

/*
* Found in path(s):
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 */

/**
 * Constructs a new \link LocalVariableAnnotationNode. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * \{\link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)\}
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See \{\link TypeReference\}.
 * @param typePath
 */

/*
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*/
the path to the annotated type argument, wildcard bound, array
element type, or static inner type within 'typeRef'. May be
<&tt>null</tt> if the annotation targets 'typeRef' as a whole.
* @param start
  * the first instructions corresponding to the continuous ranges
  * that make the scope of this local variable (inclusive).
* @param end
  * the last instructions corresponding to the continuous ranges
  * that make the scope of this local variable (exclusive). This
  * array must have the same size as the 'start' array.
* @param index
  * the local variable's index in each range. This array must have
  * the same size as the 'start' array.
* @param desc
  * the class descriptor of the annotation class.
*/

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*/
/**
 * Constructs a new [Textifier]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [Textifier(int)]
 * version.
 *
 * @throws IllegalStateException
 *             If a subclass calls this constructor.
 */

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/**
 * Constructs a new [ClassNode]. <i>Subclasses must not use this
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 *
 * @throws IllegalStateException
 *             If a subclass calls this constructor.
 */

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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.

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---------------

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A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.
Before using, initialize the state by using init_genrand(seed) or init_by_array(init_key, key_length).

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MD5 message digest algorithm

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L. Peter Deutsch
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).
This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at
http://www.ietf.org/rfc/rfc1321.txt
The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

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

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

Asynchronous socket services
----------------------------

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UUencode and UUdecode functions
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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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---------------------------

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---------------

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-------------

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

Before using, initialize the state by using init_genrand(seed)
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Sockets
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L. Peter Deutsch
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

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

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

Asynchronous socket services

-------------------------------

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Ty Coon, President of Vice

That's all there is to it!

1.51 pyasn1 0.4.4-1.ph3

1.51.1 Available under license:
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ASN.1 library for Python

------------------------
[![PyPI](https://img.shields.io/pypi/v/pyasn1.svg?maxAge=2592000)](https://pypi.org/project/pyasn1)
[![Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)](https://pypi.org/project/pyasn1/)
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[![GitHub license](https://img.shields.io/badge/license-BSD-blue.svg)](https://raw.githubusercontent.com/etingof/pyasn1/master/LICENSE.txt)
This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on [ASN.1 specification](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features
--------

* Generic implementation of ASN.1 types (X.208)
* Standards compliant BER/CER/DER codecs
* Dumps/loads ASN.1 structures from Python types
* 100% Python, works with Python 2.4 up to Python 3.7
* MT-safe
* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1
----------------

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1. [Communication between heterogeneous systems](http://www.oss.com/asn1/dubuisson.html) by Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

-----------------

With pyasn1 you can build Python objects from ASN.1 data structures. For example, the following ASN.1 data structure:
```bash
Record ::= SEQUENCE {
  id        INTEGER,
  room  [0] INTEGER OPTIONAL,
  house [1] INTEGER DEFAULT 0
}
```

Could be expressed in `pyasn1` like this:

```python
class Record(Sequence):
  componentType = NamedTypes(
    NamedType('id', Integer()),
    OptionalNamedType(
      'room', Integer().subtype(
        implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
      ),
    ),
    DefaultedNamedType(
      'house', Integer(0).subtype(
        implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
      ),
    ),
  )
```

It is in the spirit of `ASN.1` to take abstract data description and turn it into a programming language specific form. Once you have your `ASN.1` data structure expressed in `Python`, you can use it along the lines of similar `Python` type (e.g. `ASN.1` `SET` is similar to `Python` `dict`, `SET OF` to `list`):

```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
```

Part of the power of `ASN.1` comes from its serialisation features. You can serialise your data structure and send it over the network.
```
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```

Conversely, you can turn serialized ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```
```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>> for field in received_record:
...    print(f'{field} is {received_record[field]}')
id is 123
room is 321
house is 0
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```
```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```
```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id': 123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
```
With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](http://snmplabs.com/pyasn1/), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](https://github.com/etingof/pyasn1-modules).

How to get pyasn1
--------------------

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](http://snmplabs.com/pyasn1/license.html). Source code is freely available as a GitHub [repo](https://github.com/etingof/pyasn1).

You could `pip install pyasn1` or download it from [PyPI](https://pypi.org/project/pyasn1).

If something does not work as expected, [open an issue](https://github.com/etingof/pyasn1/issues) at GitHub or post your question [on Stack Overflow](https://stackoverflow.com/questions/ask) or try browsing pyasn1 [mailing list archives](https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/).

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=======

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* `/opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0.4.4.1-tar-gz/pyasn1-0.4.4/pyasn1/codec/cer/encoder.py`
* `/opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0.4.4.1-tar-gz/pyasn1-0.4.4/pyasn1/compat/binary.py`
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* `/opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0.4.4.1-tar-gz/pyasn1-0.4.4/pyasn1/compat/der/__main__.py`
* `/opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0.4.4.1-tar-gz/pyasn1-0.4.4/pyasn1/compat/der/encoder.py`
Abstract Syntax Notation One (ASN.1) is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1 <https://pypi.org/project/pyasn1/>`_ library implements ASN.1 support in pure-Python.
What is ASN.1
-------------

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on if was split off the e-mail application and became a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting discussions [here](https://news.ycombinator.com/item?id=8871453) on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's `ProtoBuffers <https://developers.google.com/protobuf>` or `FlatBuffers <https://google.github.io/flatbuffers>` for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

* Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.

* Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.

* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications
-------------------

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

* Signaling standards for the public switched telephone network (SS7 family)
* Network management standards (SNMP, CMIP)
* Directory standards (X.500 family, LDAP)
* Public Key Infrastructure standards (X.509, etc.)
* PBX control (CSTA)
* IP-based Videoconferencing (H.323 family)
* Biometrics (BIP, CBEFF, ACBio)
* Intelligent transportation (SAE J2735)
* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas
-------------

Apparently, ASN.1 is hard to implement properly. Quality open-source
ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the
`statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`_ on discovered
security vulnerabilities, many people have implemented ASN.1 parsers
and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood
and security reviewed.

Documentation
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.. toctree::
   :maxdepth: 2

   /pyasn1/contents

Use case
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.. toctree::
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   /example-use-case

Download & Install
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   /download

Changes
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All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

.. toctree::
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/changelog

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Getting help
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Books on ASN.1
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The pyasn1 implementation is largely based on reading up the following awesome books:

* `ASN.1 - Communication between heterogeneous systems <http://www.oss.com/asn1/dubuisson.html>`_ by Olivier Dubuisson

Here you can get the official standards which is hard to read:


On the other end of the readability spectrum, here is a quick and sweet write up:

by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

Found in path(s):
* /opt/cola/permits/1161616804_1621638494.08/0/pyasn1-0-4-4-1-tar-gz/pyasn1-0.4.4/docs/source/contents.rst

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1.52 docker-cli

18.09.0+git489b8eda6674523df8b82a210399b

1.52.1 Available under license :

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package formatter

import (  
  "time"
  "github.com/docker/cli/internal/licenseutils"
  "github.com/docker/licensing/model"
)

---

Open Source Used In ASA-RM 9-17-0 811
const (  
    defaultSubscriptionsTableFormat = "table
    \{{.Num}\}\t\{{.Owner}\}\t\{{.ProductID}\}\t\{{.Expires}\}\t\{{.ComponentsString}\}"
    defaultSubscriptionsQuietFormat = "\{{.Num}\}:\{{.Summary}\}"

    numHeader = "NUM"
    ownerHeader = "OWNER"
    licenseNameHeader = "NAME"
    idHeader = "ID"
    dockerIDHeader = "DOCKER ID"
    productIDHeader = "PRODUCT ID"
    productRatePlanHeader = "PRODUCT RATE PLAN"
    productRatePlanIDHeader = "PRODUCT RATE PLAN ID"
    startHeader = "START"
    expiresHeader = "EXPIRES"
    stateHeader = "STATE"
    eusaHeader = "EUSA"
    pricingComponentsHeader = "PRICING COMPONENTS"
)

// NewSubscriptionsFormat returns a Format for rendering using a license Context  
func NewSubscriptionsFormat(source string, quiet bool) Format {  
    switch source {  
        case TableFormatKey:
            if quiet {  
                return defaultSubscriptionsQuietFormat  
            }
            return defaultSubscriptionsTableFormat
        case RawFormatKey:
            if quiet {  
                return `license: {{.ID}}`  
            }
            return `license: {{.ID}}
name: {{.Name}}
owner: {{.Owner}}
components: {{.ComponentsString}}
`  
    }
    return Format(source)  
}

// SubscriptionsWrite writes the context  
func SubscriptionsWrite(ctx Context, subs []licenseutils.LicenseDisplay) error {  
    render := func(format func(subContext subContext) error) error {  
        for _, sub := range subs {  
            licenseCtx := &licenseContext{trunc: ctx.Trunc, l: sub}
            if err := format(licenseCtx); err != nil {  
                return err  
            }  
        }
        return nil  
    }
    return nil  
}
licenseCtx := licenseContext{ }
licenseCtx.header = map[string]string{
    "Num":               numHeader,
    "Owner":             ownerHeader,
    "Name":              licenseNameHeader,
    "ID":                idHeader,
    "DockerID":          dockerIDHeader,
    "ProductID":         productIDHeader,
    "ProductRatePlan":   productRatePlanHeader,
    "ProductRatePlanID": productRatePlanIDHeader,
    "Start":             startHeader,
    "Expires":           expiresHeader,
    "State":             stateHeader,
    "Eusa":              eusaHeader,
    "ComponentsString":  pricingComponentsHeader,
}
return ctx.Write(&licenseCtx, render) 

}

type licenseContext struct {
    HeaderContext
    trunc bool
    l     licenseutils.LicenseDisplay
}

func (c *licenseContext) MarshalJSON() ([]byte, error) {
    return marshalJSON(c)
}

func (c *licenseContext) Num() int {
    return c.l.Num
}

func (c *licenseContext) Owner() string {
    return c.l.Owner
}

func (c *licenseContext) ComponentsString() string {
    return c.l.ComponentsString
}

func (c *licenseContext) Summary() string {
    return c.l.String()
}

func (c *licenseContext) Name() string {
    return c.l.Name
}
func (c *licenseContext) ID() string {
    return c.l.ID
}

func (c *licenseContext) DockerID() string {
    return c.l.DockerID
}

func (c *licenseContext) ProductID() string {
    return c.l.ProductID
}

func (c *licenseContext) ProductRatePlan() string {
    return c.l.ProductRatePlan
}

func (c *licenseContext) ProductRatePlanID() string {
    return c.l.ProductRatePlanID
}

func (c *licenseContext) Start() *time.Time {
    return c.l.Start
}

func (c *licenseContext) Expires() *time.Time {
    return c.l.Expires
}

func (c *licenseContext) State() string {
    return c.l.State
}

func (c *licenseContext) Eusa() *model.EusaState {
    return c.l.Eusa
}

func (c *licenseContext) PricingComponents() []model.SubscriptionPricingComponent {
    // Dereference the pricing component pointers in the pricing components
    // so it can be rendered properly with the template formatter

    var ret []model.SubscriptionPricingComponent
    for _, spc := range c.l.PricingComponents {
        if spc == nil {
            continue
        }
        ret = append(ret, *spc)
    }
    return ret
}
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Gocheck - A rich testing framework for Go

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package licensing

import (  
"context"  
"crypto/hmac"  
"crypto/sha256"  
"encoding/base64"  
"encoding/json"  
"fmt"  
"time"

"github.com/docker/libtrust"  
"github.com/docker/licensing/lib/errors"  
"github.com/docker/licensing/lib/go-clientlib"  

Open Source Used In ASA-RM 9-17-0  932
func (c *client) getLicenseFile(ctx context.Context, subID string) (*model.IssuedLicense, error) {
  url := c.baseURI
  url.Path += fmt.Sprintf(`/api/billing/v4/subscriptions/%s/license-file`, subID)

  license := new(model.IssuedLicense)
  if _, _, err := c.doReq(ctx, "GET", &url, clientlib.RecvJSON(license)); err != nil {
    return nil, err
  }

  return license, nil
}

// Check verifies that the license identified by the given key id is valid. Note that it does not
// interrogate the contents of the license.
func (c *client) check(ctx context.Context, license model.IssuedLicense) (*model.CheckResponse, error) {
  keyID := license.KeyID
  privateKey := license.PrivateKey

  authorization, err := c.getAuthorization(ctx, license)
  if err != nil {
    return nil, err
  }

  // TODO: Mason - replace this parseJWS with a non libtrust lib
  signature, err := libtrust.ParseJWS(authorization)
  if err != nil {
    return nil, errors.Wrap(err, errors.Fields{
      "key_id": keyID,
    }, "license parse JWS failed")
  }

  keys, err := signature.Verify()
  if err != nil {
    return nil, errors.Wrap(err, errors.Fields{
      "key_id": keyID,
    }, "license signature verification failed")
  }

  keyCnt := len(keys)
  if keyCnt != 1 {
    err = fmt.Errorf("unexpected number of signing keys (%d)", keyCnt)
    return nil, errors.WithStack(err).With(errors.Fields{
      "key_id": keyID,
    })
  }
}
key := keys[0]

if !c.recognizedSigningKey(key) {
    return nil, errors.New("unrecognized signing key")
}

payload, err := signature.Payload()
if err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    }, "malformed signature payload")
}

checkRes := new(model.CheckResponse)

err = json.Unmarshal(payload, &checkRes)
if err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    }, "license payload unmarshal failed")
}

msg := checkRes.Expiration.Format(time.RFC3339)
if err := checkToken(msg, checkRes.Token, privateKey); err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    })
}

return checkRes, nil

// recognizedSigningKey returns true if the given key is signed with a recognized signing key, false otherwise
func (c *Client) recognizedSigningKey(key libtrust.PublicKey) bool {
    for _, publicKey := range c.publicKeys {
        if key.KeyID() == publicKey.KeyID() {
            return true
        }
    }
    return false
}

// getAuthorization returns the decoded license authorization
func (c *Client) getAuthorization(ctx context.Context, license model.IssuedLicense) ([]byte, error) {
    decoded, err := base64.StdEncoding.DecodeString(license.Authorization)
    if err != nil {
        return nil, errors.Wrap(err, errors.Fields{
            "key_id": keyID,
        }, "license payload base64 decoding failed")
    }

    return decoded, nil
}
"key_id": license.KeyID,
}, "decoding license authorization failed")
}
return decoded, nil
}

// All of the functions in this file assume that they are receiving a properly
// formatted private key.

// checkToken performs a MAC algorithm (where token is generated by hashing the
// message with the privateKey via GenerateToken) with the purpose of authenticating
// the validity of both the message and the private key of the person who generated
// the token.
func checkToken(message, token, privateKey string) error {
tokenBytes, err := base64.URLEncoding.DecodeString(token)
if err != nil {
return errors.Wrap(err, errors.Fields{"token": token})
}
generatedToken, err := generateToken(message, privateKey)
if err != nil {
return errors.Wrap(err, errors.Fields{"token": token})
}
generatedBytes, err := base64.URLEncoding.DecodeString(generatedToken)
if err != nil {
return errors.Wrap(err, errors.Fields{"token": token})
}
if !hmac.Equal(tokenBytes, generatedBytes) {
return errors.Forbidden(errors.Fields{"token": token}, "invalid token")
}
return nil
}

// generateToken generates a hash of the message with the privateKey via the
// sha256 algorithm.
func generateToken(message, privateKey string) (string, error) {
key, err := base64.URLEncoding.DecodeString(privateKey)
if err != nil {
return "", errors.Wrap(err, errors.Fields{"msg": message})
}
h := hmac.New(sha256.New, key)
h.Write([]byte(message))
return base64.URLEncoding.EncodeToString(h.Sum(nil)), nil
}
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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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package model

import "time"

// A CheckResponse is the internal content of the PublicCheckResponse signed
// json blob.
type CheckResponse struct {
    Expiration  time.Time `json:"expiration"
    Token       string    `json:"token"
    MaxEngines  int       `json:"maxEngines"
    ScanningEnabled bool    `json:"scanningEnabled"
    Type        string    `json:"licenseType"
    Tier        string    `json:"tier"
}

// IssuedLicense represents an issued license
type IssuedLicense struct {
    KeyID      string `json:"key_id"
    PrivateKey string `json:"private_key"
    Authorization string `json:"authorization"
}

// Valid returns true if the License is syntactically valid, false otherwise
func (l *IssuedLicense) Valid() (bool, string) {
    if l.KeyID == "" {
        return false, "empty key_id"
    }

    if l.PrivateKey == "" {
        return false, "empty private_key"
    }

    if l.Authorization == "" {
        return false, "empty authorization"
    }

    return true, ""
}

package formatter

import {
    "bytes"
    "encoding/json"
    "strings"
    "testing"
    "time"
    "github.com/docker/cli/internal/licenseutils"
func TestSubscriptionContextWrite(t *testing.T) {
    cases := []struct {
        context  Context
        expected string
    }{
        // Errors
        Context{Format: "{{InvalidFunction}}"},
        `Template parsing error: template: :1: function "InvalidFunction" not defined`
        ,
        Context{Format: "[nil]"},
        `Template parsing error: template: :1:2: executing "" at <nil>: nil is not a command`
        ,
        // Table format
        Context{Format: NewSubscriptionsFormat("table", false)},
        `NUM     OWNER   PRODUCT ID          EXPIRES                     PRICING COMPONENTS
1 owner1 productid1 2020-01-01 10:00:00 +0000 UTC compstring
2 owner2 productid2 2020-01-01 10:00:00 +0000 UTC compstring`
        ,
        Context{Format: NewSubscriptionsFormat("table", true)},
        `1:License Name: name1
        Quantity: 10 nodes
        Expiration date: 2020-01-01
2:License Name: name2
        Quantity: 20 nodes
        Expiration date: 2020-01-01`
        ,
        Context{Format: NewSubscriptionsFormat("table {{.Owner}}", false)},
        `OWNER
        owner1
        owner2`
        ,
        Context{Format: NewSubscriptionsFormat("table {{.Owner}}", true)},
        `OWNER
        owner1
        owner2`
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")

for _, testcase := range cases {
    subscriptions := []licenseutils.LicenseDisplay{
        {
            Num:   1,
            Owner: "owner1",
            Subscription: model.Subscription{
                ID:        "id1",
                Name:      "name1",
                ProductID: "productid1",
                Expires:   &expiration,
                PricingComponents: model.PricingComponents{
                    &model.SubscriptionPricingComponent{
                        Name:  "nodes",
                        Value: 10,
                    },
                },
            },
        },
    }
    // Raw Format
    { Context{Format: NewSubscriptionsFormat("raw", false)}, `license: id1
    name: name1
    owner: owner1
    components: compstring

    license: id2
    name: name2
    owner: owner2
    components: compstring

    `, },
    // Custom Format
    { Context{Format: NewSubscriptionsFormat("{{.Owner}}", false)}, `owner1
    owner2
    ` },
}


ComponentsString: "compstring",
},
{
Num: 2,
Owner: "owner2",
Subscription: model.Subscription{
  ID: "id2",
  Name: "name2",
  ProductID: "productid2",
  Expires: &expiration,
  PricingComponents: model.PricingComponents{
    &model.SubscriptionPricingComponent{
      Name: "nodes",
      Value: 20,
    },
  },
},
ComponentsString: "compstring",
},
out := &bytes.Buffer{}

testcase.context.Output = out
er := SubscriptionsWrite(testcase.context, subscriptions)
if err != nil {
  assert.Error(t, err, testcase.expected)
} else {
  assert.Check(t, is.Equal(testcase.expected, out.String()))
}
}

func TestSubscriptionContextWriteJSON(t *testing.T) {
  expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")
  subscriptions := []licenseutils.LicenseDisplay{
    {
      Num: 1,
      Owner: "owner1",
      Subscription: model.Subscription{
        ID: "id1",
        Name: "name1",
        ProductID: "productid1",
        Expires: &expiration,
        PricingComponents: model.PricingComponents{
          &model.SubscriptionPricingComponent{
            Name: "nodes",
            Value: 10,
ComponentsString: "compstring",

{
  Num: 2,
  Owner: "owner2",
  Subscription: model.Subscription{
    ID: "id2",
    Name: "name2",
    ProductID: "productid2",
    Expires: &expiration,
    PricingComponents: model.PricingComponents{
      &model.SubscriptionPricingComponent{
        Name: "nodes",
        Value: 20,
      },
      },
    ComponentsString: "compstring",
  },
}

expectedJSONs := []map[string]interface{}{
  {
    "Owner": "owner1",
    "ComponentsString": "compstring",
    "Expires": "2020-01-01T10:00:00Z",
    "DockerID": "",
    "Eusa": nil,
    "ID": "id1",
    "Start": nil,
    "Name": "name1",
    "Num": float64(1),
    "PricingComponents": []interface{}{
      map[string]interface{}{
        "name": "nodes",
        "value": float64(10),
      },
    },
    "ProductID": "productid1",
    "ProductRatePlan": "",
    "ProductRatePlanID": "",
    "State": "",
    "Summary": "License Name: name1
    Quantity: 10 nodes
    Expiration date: 2020-01-01",
  },
  {
    "Owner": "owner2",
  },
}
"ComponentsString": "compstring",
"Expires": "2020-01-01T10:00:00Z",
"DockerID": "",
"Eusa": nil,
"ID": "id2",
"Start": nil,
"Name": "name2",
"Num": float64(2),
"PricingComponents": []interface{}{
  map[string]interface{}{
    "name": "nodes",
    "value": float64(20),
  },
},
"ProductID": "productid2",
"ProductRatePlan": "",
"ProductRatePlanID": "",
"State": "",
"Summary": "License Name: name2\nQuantity: 20 nodes\nExpiration date: 2020-01-01",
}
}

out := &bytes.Buffer{}  
err := SubscriptionsWrite(Context{Format: "{{json .}}", Output: out}, subscriptions)  
if err != nil {  
t.Fatal(err)  
}  
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {  
var m map[string]interface{}  
if err := json.Unmarshal([]byte(line), &m); err != nil {  
t.Fatal(err)  
}  
assert.Check(t, is.DeepEqual(expectedJSONs[i], m))  
}
}

func TestSubscriptionContextWriteJSONField(t *testing.T) {  
subscriptions := []licenseutils.LicenseDisplay{  
{Num: 1, Owner: "owner1"},  
{Num: 2, Owner: "owner2"},  
}  
out := &bytes.Buffer{}  
err := SubscriptionsWrite(Context{Format: "{{json .Owner}}", Output: out}, subscriptions)  
if err != nil {  
t.Fatal(err)  
}  
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {  
var s string
if err := json.Unmarshal([]byte(line), &s); err != nil {
t.Fatal(err)
}
assert.Check(t, is.Equal(subscriptions[i].Owner, s))
}

Looking for existing licenses for ...

<table>
<thead>
<tr>
<th>NUM</th>
<th>OWNER</th>
<th>PRODUCT ID</th>
<th>EXPIRES</th>
<th>PRICING COMPONENTS</th>
</tr>
</thead>
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<tr>
<td>0</td>
<td></td>
<td>2010-01-01 00:00:00 +0000 UTC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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from setuptools import setup, find_packages
import io
import re

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

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====
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!
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        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'))
This is a Python implementation of the `WHATWG Encoding standard`_.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker: https://github.com/gsnedders/python-webencodings
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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.

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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
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
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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.
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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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1.62 wget 1.19.5

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References

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* AOL
  http://www.aleksey.com/pipermail/xmlsec/attachments/20030729/0e25648e/attachment.htm

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This is an attempt to acknowledge early contributions to the garbage
collector. Later contributions should instead be mentioned in
README.changes.

HISTORY -

Early versions of this collector were developed as a part of research
projects supported in part by the National Science Foundation
and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for
the Russell programming language implementation. The first version of the
garbage collector was written primarily by Al Demers. It was then refined
and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U.,
the University of Washington, Rice University (where it was first used for
C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant
contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in
README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by
Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely
due to Vernon Lee, on machines made available to Rice by IBM.
Much of the HP specific code and a number of good suggestions for improving the
generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subseqently provided updates and information on variation between ULTRIX
systems. Parag Patel (parag@netcom.com) supplied the A/UX code.
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Thomas Funke (thf@zelator.in-berlin.de()) and
Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and
Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and
Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.
Alistair G. Crooks(age@uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to
a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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base64.cpp and base64.h

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L. Peter Deutsch
ghost@aladdin.com

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

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

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

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

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The "Artistic License"

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The End

1.90 xinetd 2.3.15

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xinetd as maintained by me, to use the higher version numbers:

I appreciate your maintaining the version string guidelines as specified
in the copyright. But I did not mean them to last as long as they did.

So, if you want, you may use any 2.N.* (N >= 3) version string for future
xinetd versions that you release. Note that I am excluding the 2.2.* line;
using that would only create confusion. Naming the next release 2.3.0
would put to rest the confusion about 2.2.1 and 2.1.8.*.

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 * .
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1.91 python-setuptools 40.0.0

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1.92 cryptsetup 2.0.4
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Version 2.1, February 1999

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Section 6 states terms for distribution of such executables.

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

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

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

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

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Gocheck - A rich testing framework for Go

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

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Version 3, 29 June 2007

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.
A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product.
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1.101 linux-kernel 4.18.45

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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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1.103 file 5.34

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## -*-makefile-*-

## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

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

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

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

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

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

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
## Dependency rules

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

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

## End FreeBSD-specific setup

1.104 incremental 17.5.0-2.ph4

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Incremental

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Julian Seward, Cambridge, UK.
jseward@acm.org
bzip2/libbzip2 version 1.0.2 of 30 December 2001

/*
 minibz2
 libbz2.dll test program.
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 usage: minibz2 [-d] [-{1,2,..9}] [[srcfilename] destfilename]
 */
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1.108 pyyaml 3.13

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1.109 sysv-init 2.88

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The of the start-stop-daemon

* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
* * Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.110 click 6.7
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1.111 json-c 0.13.1

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1.112 unzip 6.0

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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).

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* 
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* 
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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
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Greg Roelofs (overall program logic, ZipInfo, unshrink, filename
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Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine
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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
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--------------------------------------------------------------------------

1.113 libgpg-error 1.32
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<one line to give the program's name and a brief idea of what it does.>
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    Version 2.1, February 1999

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

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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1.114 pcre 8.42
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End

PCRE LICENCE

PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

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

University of Cambridge Computing Service,
PCRE JUST-IN-TIME COMPILATION SUPPORT
-------------------------------------

Written by: Zoltan Herczeg
Email local part: hzmester
Email domain: freemail.hu

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STACK-LESS JUST-IN-TIME COMPILER
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Written by: Zoltan Herczeg
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THE C++ WRAPPER FUNCTIONS
-------------------------

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1.115 kerberos 1.16.1
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cmd/krb5/kadmin/server/ipropd_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/libgs/g_accept_sec_context.c
lib/libgs/g_acquire_cred.c
lib/libgs/g_canon_name.c
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lib/libgs/g_context_time.c
lib/libgs/g_delete_sec_context.c
lib/libgs/g_dsp_name.c
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lib/libgs/g_dup_name.c
lib/libgs/g_exp_sec_context.c
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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
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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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Frank Strauss <strauss@escape.de> TCL bindings
Florian octo Forster <rrdtool nospam.verplant.org> rrd_restore libxml2 rewrite, deprecated function export, rrdcached
Fidelis Assis <fidelis@pobox.com> lua bindings
Henrik Storner <henrik@hswn.dk> functions for min/max values of data in graph
Hermann Hueni <hueni@glue.ch> (SunOS porting)
Jakob Ilves <jlves@se.oracle.com> HPUX 11
Jeff R. Allen <jeff.allen@acm.org> (autoconfigure, portability)
Jeremy Fischer <jeremy@pobox.com> (Makefile changes & RPM builds)
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Joel Becker <jlbec@raleigh.ibm.com> AIX
Joey Miller <joeym@inificad.com> php3 and php4 bindings
Kai Siering <kai.siering with mediaways.net>
Kevin Brintnall <kbrint with rufus.net> bugfixes in and additions to rrdcached, including journaling support
Larry Leszczynski <larryl with furph.com>
Mark Plaksin <happy@usg.edu> rrd_graph_v
Matt Chambers <matthew.chambers with vanderbilt.edu> --full-size-mode for rrdgraph
Melchor Rabe <rrdtool at mrab.de> -- legend position patch
McCreary mcreary with xoanon.colorado.edu
Mike Mitchell <mcm with unix.sas.com>
Mike Slifcak <slif with bellsouth.net> many rrdtool-1.1.x fixes
Oleg Cherkevko <olwi with icyb.kiev.ua>
Otmar Lendl <O.Lendl with Austria.EU.net> (lots of bugfixes)
Pablo Sanchez <pablo at blueoakdb.com> (CDEF vs VDEF)
Patrick Cherry <patrick with bytemark.co.uk>
Paul Joslin <pj@sdrc.com>
Peter Speck <speck with vitality.dk> eps/svg/pdf file format code in rrdtool-1.x
Peter Stamfest <peter with stamfest.at> initial multi-thread support
Peter Breitenlohner <pbe with mppmu.mpg.de> many patches for rrdtool 1.2.x
Philippe.Simonet <Philippe.Simonet with swisscom.com> (NT porting)
Poul-Henning Kamp <phk with freebsd.org> CDEF enhancements
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Simon Leinen <simon with switch.ch>
Steen Linden <Steen.Linden with ebone.net>
Sebastian Harl <sh at tokkee.org> debian packaging, rrdcached fixes and enhancements
Stefan Ludewig <Stefan.Ludewig at exitgames.com> 1.3 WIN32 Port
Stefan Mueller <s.mueller with computer.org> HPUX 11
Steve Harris <steveh with wesley.com.au> AIX portability
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Ulrich Schilling <schilling with netz.uni-essen.de> AIX
Wim Heirman <wim.heirman with elis.ugent.be> --units=si option
Wolfgang Schrimm <wschrimm with uni-ld.de> xport function
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Alexander Lucke (lucke with dns-net.de) of DNS:NET Internet Services (www.dns-net.de) http://rrdtool.org
Hedley Simons <heds@metahusky.net>
Nicola Worthington <nicolaw@cpan.org>
Wegmann, Christof <Christof.Wegmann@exitgames.com> 1.3/trunk win32 port

1.121 less 530

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1.124 zlib 1.2.11
1.124.1 Available under license:

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

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1.125 findutils 4.6.0

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

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

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

<one line to give the program’s name and a brief idea of what it does.>
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1.128 pango 1.42.4

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

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

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

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

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

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

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

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1.129 libvirt 4.7.0

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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the
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1.131 fdisk 2.32.1

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1.132 multipart-parser-c NA

1.132.1 Available under license:

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/* Based on node-formidable by Felix Geisendörfer
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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) = $copyright_msg =~ /.*\d{4,}/s
    or die "Year not found in README copyright message '$copyright_msg'";

    $year;
}

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

    $year;
}
### 1.134 esapi 2.1.0

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```

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 */
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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers.

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1.147 librabbitmq 0.11.0

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 * in documentation (online or textual) provided with the package.
 *
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1.149 libarchive 3.4.3

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I intend for all new source code to use the license below and hope over time to replace code with other licenses with new implementations that do use the license below. The varying licensing of the build scripts seems to be an unavoidable mess.

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1.150 vim 7.4.160
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*uganda.txt* For Vim version 7.4. Last change: 2013 Jul 06

VIM REFERENCE MANUAL by Bram Moolenaar

*uganda* *Uganda* *copying* *copyright* *license*
SUMMARY
*iccf* *ICCF*
Vim is Charityware. You can use and copy it as much as you like, but you are encouraged to make a donation for needy children in Uganda. Please see |kcc|
below or visit the ICCF web site, available at these URLs:

http://iccf-holland.org/
http://www.vim.org/iccf/
http://www.iccf.nl/

You can also sponsor the development of Vim. Vim sponsors can vote for
features. See [sponsor]. The money goes to Uganda anyway.

The Open Publication License applies to the Vim documentation, see
[manual-copyright].

=== begin of license ===

VIM LICENSE

I) There are no restrictions on distributing unmodified copies of Vim except
that they must include this license text. You can also distribute
unmodified parts of Vim, likewise unrestricted except that they must
include this license text. You are also allowed to include executables
that you made from the unmodified Vim sources, plus your own usage
examples and Vim scripts.

II) It is allowed to distribute a modified (or extended) version of Vim,
including executables and/or source code, when the following four
conditions are met:
1) This license text must be included unmodified.
2) The modified Vim must be distributed in one of the following five ways:
   a) If you make changes to Vim yourself, you must clearly describe in
      the distribution how to contact you. When the maintainer asks you
      (in any way) for a copy of the modified Vim you distributed, you
      must make your changes, including source code, available to the
      maintainer without fee. The maintainer reserves the right to
      include your changes in the official version of Vim. What the
      maintainer will do with your changes and under what license they
      will be distributed is negotiable. If there has been no negotiation
      then this license, or a later version, also applies to your changes.
      The current maintainer is Bram Moolenaar <Bram@vim.org>. If this
      changes it will be announced in appropriate places (most likely
      vim.sf.net, www.vim.org and/or comp.editors). When it is completely
      impossible to contact the maintainer, the obligation to send him
      your changes ceases. Once the maintainer has confirmed that he has
      received your changes they will not have to be sent again.
   b) If you have received a modified Vim that was distributed as
      mentioned under a) you are allowed to further distribute it
      unmodified, as mentioned at I). If you make additional changes the
      text under a) applies to those changes.
   c) Provide all the changes, including source code, with every copy of

the modified Vim you distribute. This may be done in the form of a context diff. You can choose what license to use for new code you add. The changes and their license must not restrict others from making their own changes to the official version of Vim.

d) When you have a modified Vim which includes changes as mentioned under c), you can distribute it without the source code for the changes if the following three conditions are met:
- The license that applies to the changes permits you to distribute the changes to the Vim maintainer without fee or restriction, and permits the Vim maintainer to include the changes in the official version of Vim without fee or restriction.
- You keep the changes for at least three years after last distributing the corresponding modified Vim. When the maintainer or someone who you distributed the modified Vim to asks you (in any way) for the changes within this period, you must make them available to him.
- You clearly describe in the distribution how to contact you. This contact information must remain valid for at least three years after last distributing the corresponding modified Vim, or as long as possible.

e) When the GNU General Public License (GPL) applies to the changes, you can distribute the modified Vim under the GNU GPL version 2 or any later version.

3) A message must be added, at least in the output of the ":.version" command and in the intro screen, such that the user of the modified Vim is able to see that it was modified. When distributing as mentioned under 2)e) adding the message is only required for as far as this does not conflict with the license used for the changes.

4) The contact information as required under 2)a) and 2)d) must not be removed or changed, except that the person himself can make corrections.

III) If you distribute a modified version of Vim, you are encouraged to use the Vim license for your changes and make them available to the maintainer, including the source code. The preferred way to do this is by e-mail or by uploading the files to a server and e-mailing the URL. If the number of changes is small (e.g., a modified Makefile) e-mailing a context diff will do. The e-mail address to be used is <maintainer@vim.org>

IV) It is not allowed to remove this license from the distribution of the Vim sources, parts of it or from a modified version. You may use this license for previous Vim releases instead of the license that they came with, at your option.

=== end of license ===

Note:
- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.

- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.

- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.

- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.

- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.

- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED_BY define.

==============================================================================
Kibaale Children's Centre* kcc* *Kibaale* *charity*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older
sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

*donate*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Further more, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.
If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.
Sending a check to the Nehemiah Group Outreach Society (NGOS)
is no longer possible, unfortunately. We are looking for
another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US
checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They
take care of the Canadian sponsors for the children in
Kibaale. KCF forwards 100% of the money to the project in
Uganda. You can send them a one time donation directly.
Please send me a note so that I know what has been donated
because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353
If you make a donation to Kibaale Children's Fund (KCF) you
will receive a tax receipt which can be submitted with your
tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse.
This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return.
Check the ICCF web site for the latest information:
http://iccf-holland.org/germany.html

World: Use a postal money order. That should be possible from any
country, mostly from the post office. Use this name (which is
in my passport): "Abraham Moolenaar". Use Euro for the
currency if possible.
Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number. Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a credit card. This is the most widely used Internet based payment system. It’s really simple to use. Use this link to find more info:
The e-mail address for sending the money to is:
Bram@iccf-holland.org
For amounts above 400 Euro ($500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:
Postbank, account 4548774
Swift code: INGB NL 2A
IBAN: NL95 INGB 0004 5487 74
under the name "stichting ICCF Holland", Lisse
If that doesn’t work:
Rabobank Lisse, account 3765.05.117
Swift code: RABO NL 2U
under the name "Bram Moolenaar", Lisse
Otherwise, send a check in euro or US dollars to the address below. Minimal amount: $70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:
Bram Moolenaar
Finsterruethof 1
8134 Adliswil
Switzerland

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1.151 libcroco 0.6.13

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Version 2, June 1991

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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

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

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

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

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

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

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated
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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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

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

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

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

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

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

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

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

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

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

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

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

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

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

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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1.152 libseccomp 2.3.3

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1.153 shadow 4.6

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1.159 open-ldap 2.4.46

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

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c) If the Program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
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b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

<one line to give the program's name and a brief idea of what it does.>
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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less
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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

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

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

4. You may copy and distribute the Library (or a portion or
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it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

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

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
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therefore falls outside the scope of this License.

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

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

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

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
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6. As an exception to the Sections above, you may also combine or
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

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

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

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

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Last updated: 2009-02-28

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=== EOF ===

1.164 apr 1.6.3

1.165 libunwind 1.2-rc1

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1.170 cyrus-sasl 2.1.20

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1.173 talloc 2.1.14
1.173.1 Available under license :
/*
 Samba Unix SMB/CIFS implementation.

 C utilities for the pytalloc test suite.
 Provides the "_test_pytalloc" Python module.

 NOTE: Please read talloc_guide.txt for full documentation

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 */

1.174 zlib 1.2.3
1.174.1 Available under license :
/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017
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jloup@gzip.org          madler@alumni.caltech.edu

* /
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1.175 luasocket 2.0

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1.176 unzip 6.0-19.el7

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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.

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*  
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*  
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*
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* 
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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."

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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 CONTRIBUT in the source distribution for a much more complete list of contributors.
The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

1.177 libssh2 1.6.0

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1.178 e2fsprogs 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"
@include mkdir -p pic

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

image:$(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; $ {LDFLAGS_SHLIB} $(OBJS)) $(BSD_LIB) .
$(MV) pic/$(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)
@include "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@include $(INSTALL_PROGRAM) $(BSD_LIB) \$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB) 
@include $(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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--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
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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 This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

 Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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Theodore Ts'o
23-June-2007

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

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PyCrypto Code Submission Requirements - Rev. C

Last updated: 2009-02-28

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=== EOF ===

1.181 attrs 18.1.0
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1.182 shared-mime-info 1.1

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1.183 csrp 1.0

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1.184 jackson-databind 2.9.8

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1.185 pciutils 3.6.2
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1.186 log-rotate 3.14.0

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1.194 libxml 2.9.8

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# Contributions to the urllib3 project

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## Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
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* Thomas Kluyver <thomas@kluyver.me.uk>
  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.

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* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
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* Thomas Weischuh <thomas@t-8ch.de>
  * 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 <graftatcolmingov@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 <abacababadacaba@gmail.com>
  * Bugfixes

* Benjamen 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 <jalatherfold@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>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jesse Shapiro <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>
  * 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 `urlib2.urlopen().geturl()` behavior

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1.202 openjdk-jre 1.8.0u282

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  jar/org/apache/axis/encoding/ser/castor/CastorEnumTypeDeserializerFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
  jar/org/apache/axis/wsdl/toJava/FactoryProperty.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
  jar/org/apache/axis/encoding/ser/castor/CastorEnumTypeSerializerFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
  jar/org/apache/axis/encoding/ser/castor/CastorEnumTypeSerializer.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
  jar/org/apache/axis/wsdl/toJava/NamespaceSelector.java
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  jar/org/apache/axis/encoding/ser/SimpleListSerializerFactory.java

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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/toJava/JavaDeployWriter.java
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1.212 gdisk 1.0.4

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1.220 django 1.11.14
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A. HISTORY OF THE SOFTWARE

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

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of
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All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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===========================
Advice for new contributors
New contributor and not sure what to do? Want to help but just don't know how to get started? This is the section for you.

.. admonition:: Basic tools and workflow

   If you are new to contributing to Django, the :doc:`/intro/contributing` tutorial will give you an introduction to the tools and the workflow.

First steps
==========

Start with these easy tasks to discover Django's development process.

* **Sign the Contributor License Agreement**

The code that you write belongs to you or your employer. If your contribution is more than one or two lines of code, you need to sign the 'CLA'_. See the 'Contributor License Agreement FAQ'_ for a more thorough explanation.

* **Triage tickets**

If an 'unreviewed ticket' reports a bug, try and reproduce it. If you can reproduce it and it seems valid, make a note that you confirmed the bug and accept the ticket. Make sure the ticket is filed under the correct component area. Consider writing a patch that adds a test for the bug's behavior, even if you don't fix the bug itself. See more at :ref:`how-can-i-help-with-triaging`

* **Look for tickets that are accepted and review patches to build familiarity with the codebase and the process**

Mark the appropriate flags if a patch needs docs or tests. Look through the changes a patch makes, and keep an eye out for syntax that is incompatible with older but still supported versions of Python. :doc:`Run the tests </internals/contributing/writing-code/unit-tests>` and make sure they pass. Where possible and relevant, try them out on a database other than SQLite. Leave comments and feedback!

* **Keep old patches up to date**

Oftentimes the codebase will change between a patch being submitted and the time it gets reviewed. Make sure it still applies cleanly and functions as expected. Simply updating a patch is both useful and important! See more on :doc:`writing-code/submitting-patches`. 

_____________________

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Write some documentation

Django's documentation is great but it can always be improved. Did you find a typo? Do you think that something should be clarified? Go ahead and suggest a documentation patch! See also the guide on `writing-documentation`.

.. note::

   The `reports page`_ contains links to many useful Trac queries, including several that are useful for triaging tickets and reviewing patches as suggested above.

   .. _reports page: https://code.djangoproject.com/wiki/Reports

Guidelines

==========

As a newcomer on a large project, it's easy to experience frustration. Here's some advice to make your work on Django more useful and rewarding.

* **Pick a subject area that you care about, that you are familiar with, or that you want to learn about**

   You don't already have to be an expert on the area you want to work on; you become an expert through your ongoing contributions to the code.

* **Analyze tickets' context and history**

   Trac isn't an absolute; the context is just as important as the words. When reading Trac, you need to take into account who says things, and when they were said. Support for an idea two years ago doesn't necessarily mean that the idea will still have support. You also need to pay attention to who *hasn't* spoken -- for example, if an experienced contributor hasn't been recently involved in a discussion, then a ticket may not have the support required to get into Django.

* **Start small**

   It's easier to get feedback on a little issue than on a big one. See the `easy pickings`_.

* **If you're going to engage in a big task, make sure that your idea has
support first**

This means getting someone else to confirm that a bug is real before you fix the issue, and ensuring that there's consensus on a proposed feature before you go implementing it.

* **Be bold! Leave feedback!**

Sometimes it can be scary to put your opinion out to the world and say "this ticket is correct" or "this patch needs work", but it's the only way the project moves forward. The contributions of the broad Django community ultimately have a much greater impact than that of any one person. We can't do it without **you**!

* **Err on the side of caution when marking things Ready For Check-in**

If you're really not certain if a ticket is ready, don't mark it as such. Leave a comment instead, letting others know your thoughts. If you're mostly certain, but not completely certain, you might also try asking on IRC to see if someone else can confirm your suspicions.

* **Wait for feedback, and respond to feedback that you receive**

Focus on one or two tickets, see them through from start to finish, and repeat. The shotgun approach of taking on lots of tickets and letting some fall by the wayside ends up doing more harm than good.

* **Be rigorous**

When we say ":pep:`8`, and must have docs and tests", we mean it. If a patch doesn't have docs and tests, there had better be a good reason. Arguments like "I couldn't find any existing tests of this feature" don't carry much weight--while it may be true, that means you have the extra-important job of writing the very first tests for that feature, not that you get a pass from writing tests altogether.

.. _easy-pickings: https://code.djangoproject.com/query?status=!closed&easy=1

.. _new-contributors-faq:

FAQ

====

1. **This ticket I care about has been ignored for days/weeks/months! What can I do to get it committed?**

First off, it's not personal. Django is entirely developed by volunteers (except the Django fellow), and sometimes folks just don't have time. The
best thing to do is to send a gentle reminder to the [django-developers] mailing list asking for review on the ticket, or to bring it up in the `#django-dev` IRC channel.

2. **I'm sure my ticket is absolutely 100% perfect, can I mark it as RFC myself?**

   Short answer: No. It's always better to get another set of eyes on a ticket. If you're having trouble getting that second set of eyes, see question 1, above.

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1.221 docker

18.09.0+git489b8eda6674523df8b82a210399b

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package formatter

import (  
    "time"
    
    "github.com/docker/cli/internal/licenseutils"
    "github.com/docker/licensing/model"
)

const (  
    defaultSubscriptionsTableFormat = "table
{{.Num}}	{{.Owner}}	{{.ProductID}}	{{.Expires}}	{{.ComponentsString}}"
    defaultSubscriptionsQuietFormat = "{{.Num}}:{{.Summary}}"
)

numHeader               = "NUM"
ownerHeader             = "OWNER"
licenseNameHeader       = "NAME"
idHeader                = "ID"
dockerIDHeader          = "DOCKER ID"
productIDHeader         = "PRODUCT ID"
productRatePlanHeader   = "PRODUCT RATE PLAN"
productRatePlanIDHeader = "PRODUCT RATE PLAN ID"
startHeader             = "START"
expiresHeader           = "EXPIRES"
stateHeader             = "STATE"
eusaHeader              = "EUSA"
pricingComponentsHeader = "PRICING COMPONENTS"
)

// NewSubscriptionsFormat returns a Format for rendering using a license Context
func NewSubscriptionsFormat(source string, quiet bool) Format {  
    switch source {  
    case TableFormatKey:  
        if quiet {  
            return defaultSubscriptionsQuietFormat
        }  
        return defaultSubscriptionsTableFormat
    }
case RawFormatKey:
if quiet {
    return `license: {{.ID}}`
}
return `license: {{.ID}}
name: {{.Name}}
owner: {{.Owner}}
components: {{.ComponentsString}}
`
func (c *licenseContext) Num() int {
    return c.l.Num
}

func (c *licenseContext) Owner() string {
    return c.l.Owner
}

func (c *licenseContext) ComponentsString() string {
    return c.l.ComponentsString
}

func (c *licenseContext) Summary() string {
    return c.l.String()
}

func (c *licenseContext) Name() string {
    return c.l.Name
}

func (c *licenseContext) ID() string {
    return c.l.ID
}

func (c *licenseContext) DockerID() string {
    return c.l.DockerID
}

func (c *licenseContext) ProductID() string {
    return c.l.ProductID
}

func (c *licenseContext) ProductRatePlan() string {
    return c.l.ProductRatePlan
}

func (c *licenseContext) ProductRatePlanID() string {
    return c.l.ProductRatePlanID
}

func (c *licenseContext) Start() *time.Time {
    return c.l.Start
}

func (c *licenseContext) Expires() *time.Time {
    return c.l.Expires
}
func (c *licenseContext) State() string {
    return c.l.State
}

func (c *licenseContext) Eusa() *model.EusaState {
    return c.l.Eusa
}

func (c *licenseContext) PricingComponents() []model.SubscriptionPricingComponent {
    // Dereference the pricing component pointers in the pricing components
    // so it can be rendered properly with the template formatter

    var ret []model.SubscriptionPricingComponent
    for _, spc := range c.l.PricingComponents {
        if spc == nil {
            continue
        }
        ret = append(ret, *spc)
    }
    return ret
}

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Gocheck - A rich testing framework for Go

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package licensing

import (
    "context"
    "crypto/hmac"
    "crypto/sha256"
    "encoding/base64"
    "encoding/json"
    "fmt"
    "time"

    "github.com/docker/libtrust"
    "github.com/docker/licensing/lib/errors"
    "github.com/docker/licensing/lib/go-clientlib"
    "github.com/docker/licensing/model"
)

func (c *client) getLicenseFile(ctx context.Context, subID string) (*model.IssuedLicense, error) {
    url := c.baseURI
    url.Path += fmt.Sprintf("/api/billing/v4/subscriptions/%s/license-file", subID)

    license := new(model.IssuedLicense)
    if _, _, err := c.doReq(ctx, "GET", &url, clientlib.RecvJSON(license)); err != nil {
        return nil, err
    }

    return license, nil
}

// Check verifies that the license identified by the given key id is valid. Note that it does not
// interrogate the contents of the license.
func (c *client) check(ctx context.Context, license model.IssuedLicense) (*model.CheckResponse, error) {
    keyID := license.KeyID
    privateKey := license.PrivateKey
    authorization, err := c.getAuthorization(ctx, license)
    if err != nil {
        return nil, err
    }

    signature, err := libtrust.ParseJWS(authorization)
    if err != nil {
    // TODO: Mason - replace this parseJWS with a non libtrust lib
return nil, errors.Wrapf(err, errors.Fields{
  "key_id": keyID,
}, "license parse JWS failed")
}

keys, err := signature.Verify()
if err != nil {
  return nil, errors.Wrapf(err, errors.Fields{
    "key_id": keyID,
  }, "license signature verification failed")
}

keyCnt := len(keys)
if keyCnt != 1 {
  err = fmt.Errorf("unexpected number of signing keys (%d)", keyCnt)
  return nil, errors.WithStack(err).With(errors.Fields{
    "key_id": keyID,
  })
}

key := keys[0]

if !c.recognizedSigningKey(key) {
  return nil, errors.New("unrecognized signing key")
}

payload, err := signature.Payload()
if err != nil {
  return nil, errors.Wrapf(err, errors.Fields{
    "key_id": keyID,
  }, "malformed signature payload")
}

checkRes := new(model.CheckResponse)
err = json.Unmarshal(payload, &checkRes)
if err != nil {
  return nil, errors.Wrapf(err, errors.Fields{
    "key_id": keyID,
  }, "license payload unmarshal failed")
}

msg := checkRes.Expiration.Format(time.RFC3339)
if err := checkToken(msg, checkRes.Token, privateKey); err != nil {
  return nil, errors.Wrap(err, errors.Fields{
    "key_id": keyID,
  })
}
func (c *client) recognizedSigningKey(key libtrust.PublicKey) bool {
    for _, publicKey := range c.publicKeys {
        if key.KeyID() == publicKey.KeyID() {
            return true
        }
    }
    return false
}

func (c *client) getAuthorization(ctx context.Context, license model.IssuedLicense) ([]byte, error) {
    decoded, err := base64.StdEncoding.DecodeString(license.Authorization)
    if err != nil {
        return nil, errors.Wrapf(err, errors.Fields{
            "key_id": license.KeyID,
        }, "decoding license authorization failed")
    }
    return decoded, nil
}

// checkToken performs a MAC algorithm (where token is generated by hashing the
// message with the privateKey via GenerateToken) with the purpose of authenticating
// the validity of both the message and the private key of the person who generated
// the token.
func checkToken(message, token, privateKey string) error {
    tokenBytes, err := base64.URLEncoding.DecodeString(token)
    if err != nil {
        return errors.Wrap(err, errors.Fields{"token": token})
    }

    generatedToken, err := generateToken(message, privateKey)
    if err != nil {
        return errors.Wrap(err, errors.Fields{"token": token})
    }

    generatedBytes, err := base64.URLEncoding.DecodeString(generatedToken)
    if err != nil {
        return errors.Wrap(err, errors.Fields{"token": token})
    }

    return checkRes, nil
}
if !hmac.Equal(tokenBytes, generatedBytes) {
    return errors.Forbidden(errors.Fields{"token": token}, "invalid token")
}

return nil
}

// generateToken generates a hash of the message with the privateKey via the
// sha256 algorithm.
func generateToken(message, privateKey string) (string, error) {
    key, err := base64.URLEncoding.DecodeString(privateKey)
    if err != nil {
        return "", errors.Wrap(err, errors.Fields{"msg": message})
    }
    h := hmac.New(sha256.New, key)
    h.Write([]byte(message))
    return base64.URLEncoding.EncodeToString(h.Sum(nil)), nil
}

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package model
import "time"

// A CheckResponse is the internal content of the PublicCheckResponse signed
// json blob.
type CheckResponse struct {
    Expiration time.Time `json:"expiration"`
    Token      string    `json:"token"`
    MaxEngines int       `json:"maxEngines"`
    ScanningEnabled bool      `json:"scanningEnabled"`
    Type        string    `json:"licenseType"`
    Tier        string    `json:"tier"`
}

// IssuedLicense represents an issued license
type IssuedLicense struct {
    KeyID         string `json:"key_id"`
    PrivateKey    string `json:"private_key"`
    Authorization string `json:"authorization"`
}

// Valid returns true if the License is syntactically valid, false otherwise
func (l *IssuedLicense) Valid() (bool, string) {
    if l.KeyID == "" {
        return false, "empty key_id"
    }
    if l.PrivateKey == "" {
        return false, "empty private_key"
    }
}
if l.Authorization == "" {
    return false, "empty authorization"
}

return true, ""
}
package formatter

import ( 
    "bytes"
    "encoding/json"
    "strings"
    "testing"
    "time"

    "github.com/docker/cli/internal/licenseutils"
    "github.com/docker/licensing/model"
    "gotest.tools/assert"
    is "gotest.tools/assert/cmp"
)

func TestSubscriptionContextWrite(t *testing.T) {
    cases := []struct {
        context  Context
        expected string
    }{
        // Errors
        { 
            Context{Format: "{{InvalidFunction}}"}, 
            `Template parsing error: template: :1: function "InvalidFunction" not defined` 
        },
        { 
            Context{Format: "{{nil}}"}, 
            `Template parsing error: template: :1:2: executing "" at <nil>: nil is not a command` 
        },
        // Table format
        { 
            Context{Format: NewSubscriptionsFormat("table", false)}, 
            `NUM          OWNER     PRODUCT ID      EXPIRES                PRICING COMPONENTS
1        owner1   productid1  2020-01-01 10:00:00 +0000 UTC  compstring
2        owner2   productid2  2020-01-01 10:00:00 +0000 UTC  compstring` 
        }
    }
}
License Name: name1
Quantity: 10 nodes
Expiration date: 2020-01-01

License Name: name2
Quantity: 20 nodes
Expiration date: 2020-01-01

OWNER
owner1
owner2

OWNER
owner1
owner2

license: id1
name: name1
owner: owner1
components: compstring

license: id2
name: name2
owner: owner2
components: compstring

OWNER
owner1
owner2

OWNER
owner1
owner2

// Custom Format

OWNER
owner1
owner2
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")

for _, testcase := range cases {
  subscriptions := []licenseutils.LicenseDisplay{
    {
      Num:   1,
      Owner: "owner1",
      Subscription: model.Subscription{
        ID:        "id1",
        Name:      "name1",
        ProductID: "productid1",
        Expires:   &expiration,
        PricingComponents: model.PricingComponents{
          &model.SubscriptionPricingComponent{
            Name:  "nodes",
            Value: 10,
          },
        },
        ComponentsString: "compstring",
      },
      {
        Num:   2,
        Owner: "owner2",
        Subscription: model.Subscription{
          ID:        "id2",
          Name:      "name2",
          ProductID: "productid2",
          Expires:   &expiration,
          PricingComponents: model.PricingComponents{
            &model.SubscriptionPricingComponent{
              Name:  "nodes",
              Value: 20,
            },
          },
          ComponentsString: "compstring",
        },
      }
    }
  }
  out := &bytes.Buffer{
    testcase.context.Output = out
    err := SubscriptionsWrite(testcase.context, subscriptions)
    if err != nil {
      assert.Error(t, err, testcase.expected)
    } else {
      assert.Check(t, is.Equal(testcase.expected, out.String()))
    }
  }
}
func TestSubscriptionContextWriteJSON(t *testing.T) {
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")
subscriptions := []licenseutils.LicenseDisplay{
    {
        Num: 1,
        Owner: "owner1",
        Subscription: model.Subscription{
            ID: "id1",
            Name: "name1",
            ProductID: "productid1",
            Expires: &expiration,
            PricingComponents: model.PricingComponents{
                &model.SubscriptionPricingComponent{
                    Name: "nodes",
                    Value: 10,
                },
            },
            ComponentsString: "compstring",
        },
    },
    {
        Num: 2,
        Owner: "owner2",
        Subscription: model.Subscription{
            ID: "id2",
            Name: "name2",
            ProductID: "productid2",
            Expires: &expiration,
            PricingComponents: model.PricingComponents{
                &model.SubscriptionPricingComponent{
                    Name: "nodes",
                    Value: 20,
                },
            },
            ComponentsString: "compstring",
        },
    },
}
expectedJSONs := []map[string]interface{}{
    {
        "Owner": "owner1",
        "ComponentsString": "compstring",
        "Expires": "2020-01-01T10:00:00Z",
        "DockerID": "",
        "Eusa": nil,
    },
}
"ID": "id1",
"Start": nil,
"Name": "name1",
"Num": float64(1),
"PricingComponents": []interface{}{
map[string]interface{}{
"name": "nodes",
"value": float64(10),
},
},
"ProductID": "productid1",
"ProductRatePlan": "",
"ProductRatePlanID": "",
"State": "",
"Summary": "License Name: name1
Quantity: 10 nodes
Expiration date: 2020-01-01",
},
{
"Owner": "owner2",
"ComponentsString": "compstring",
"Expires": "2020-01-01T10:00:00Z",
"DockerID": "",
"Eusa": nil,
"ID": "id2",
"Start": nil,
"Name": "name2",
"Num": float64(2),
"PricingComponents": []interface{}{
map[string]interface{}{
"name": "nodes",
"value": float64(20),
},
},
"ProductID": "productid2",
"ProductRatePlan": "",
"ProductRatePlanID": "",
"State": "",
"Summary": "License Name: name2
Quantity: 20 nodes
Expiration date: 2020-01-01",
},
}
out := &bytes.Buffer{}
err := SubscriptionsWrite(Context{Format: "{{json .}}", Output: out}, subscriptions)
if err != nil {
t.Fatal(err)
}
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
var m map[string]interface{}
if err := json.Unmarshal([]byte(line), &m); err != nil {

```
t.Fatal(err)
}
assert.Check(t, is.DeepEqual(expectedJSONs[i], m))
}
}
func TestSubscriptionContextWriteJSONField(t *testing.T) {
subscriptions := []licenseutils.LicenseDisplay{
{Num: 1, Owner: "owner1"},
{Num: 2, Owner: "owner2"},
}
out := &bytes.Buffer{}
err := SubscriptionsWrite(Context{Format: "{{json .Owner}}", Output: out}, subscriptions)
if err != nil {
t.Fatal(err)
}
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
var s string
if err := json.Unmarshal([]byte(line), &s); err != nil {
t.Fatal(err)
}
assert.Check(t, is.Equal(subscriptions[i].Owner, s))
}
}
Looking for existing licenses for ...
NUM
OWNER
PRODUCT ID
EXPIRES
PRICING COMPONENTS
0
2010-01-01 00:00:00 +0000 UTC
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(principal original author of dtc and libfdt)
2 November 2007

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1.227 openssh 8.0-p1

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- Zlib is now external, in a library
- The make-ssh-known-hosts script is no longer included
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- MD5 is now external, in the OpenSSL library
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@version 3.0 (December 2000)
@
@ Optimised ANSI C code for the Rijndael cipher (now AES)
@
@ @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@ @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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Here is a list of the main contributors to lm-sensors version 3.

* Frodo Looijaard
  Original author of libsensors, sensors-detect, sensors and isadump.
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  Original author of sensord.
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  libsensors and sensors.
* Mark M. Hoffman
  Many improvements to the libsensors configuration file scanner.
* Jean Delvare
  New libsensors API, and migration of sensors and sensord thereto.
  Many optimizations in libsensors and sensors.
  Configuration file converter.
  Rewrite of sensors-detect.
  Support for multiple configuration files in libsensors.

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1.249 kerberos 1.16.1

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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
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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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1.257 jackson 2.12.0
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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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1.258 iconv 2.28

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**1.260 xz 5.2.4**

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==================

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1.264 xml-commons-resolver 1.2

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I would like to thank the following people (in alphabetical order):

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- ARM Ltd, for donating a copy of "ARM Architecture Reference Manual".
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- SourceForge, for their excellent open source development platform.

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reported bugs, provided feedback, or works on including BeeCrypt in any
other distros.

If I've missed anyone, it's due to oversight. Drop me a line and I'll
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1.267 zlib 1.2.5
1.267.1 Available under license:
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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1.268 smartmontools 6.6
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1.273 qemu 2.4.0

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 */
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#define TARGET_FREEBSD_MAP_RESERVED0100 0x0100  /* previously unimplemented MAP_NOEXTEND */
#define TARGET_FREEBSD_MAP_STACK 0x0400  /* region grows down, like a stack */
#define TARGET_FREEBSD_MAP_NOSYNC 0x0800  /* page to but do not sync underlying file */
#define TARGET_FREEBSD_MAP_FLAGMASK 0x1ff7

#define TARGET_NETBSD_MAP_INHERIT     0x0080 /* region is retained after exec */
#define TARGET_NETBSD_MAP_TRYFIXED     0x0400 /* attempt hint address, even within break */
#define TARGET_NETBSD_MAP_WIRED        0x0800 /* mlock() mapping when it is established */
#define TARGET_NETBSD_MAP_STACK        0x2000 /* allocated from memory, swap space (stack) */
#define TARGET_NETBSD_MAP_FLAGMASK     0x3ff7

#define TARGET_OPENBSD_MAP_INHERIT     0x0080 /* region is retained after exec */
#define TARGET_OPENBSD_MAP_NOEXTEND 0x0100 /* for MAP_FILE, don't change file size */
#define TARGET_OPENBSD_MAP_TRYFIXED  0x0400 /* attempt hint address, even within heap */

#define TARGET_OPENBSD_MAP_FLAGMASK 0x17f7

// XXX
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 *
 * @(#)errno.h 8.5 (Berkeley) 1/21/94 */

#define TARGET_EPERM 1 /* Operation not permitted */
define TARGET_ENOENT 2 /* No such file or directory */
define TARGET_ESRCH 3 /* No such process */
define TARGET_EINTR 4 /* Interrupted system call */
define TARGET_EIO 5 /* Input/output error */
define TARGET_ENXIO 6 /* Device not configured */
define TARGET_E2BIG 7 /* Argument list too long */
define TARGET_ENOEXEC 8 /* Exec format error */
#define TARGET_EBADF         9   /**< Bad file descriptor */
#define TARGET_ECHILD        10  /**< No child processes */
#define TARGET_EDEADLK       11   /**< Resource deadlock avoided */

    /* 11 was EAGAIN */

#define TARGET_ENOMEM        12  /**< Cannot allocate memory */
#define TARGET_EACCES         13  /**< Permission denied */
#define TARGETEFAULT         14   /**< Bad address */
#define TARGET_ENOTBLK       15    /**< Block device required */
#define TARGET_EBUSY          16   /**< Device busy */
#define TARGET_EEXIST         17  /**< File exists */
#define TARGET_EXDEV          18   /**< Cross-device link */
#define TARGET_ENODEV         19   /**< Operation not supported by device */
#define TARGET_ENOTDIR        20   /**< Not a directory */
#define TARGET_EISDIR          21  /**< Is a directory */
#define TARGET EINVAL          22   /**< Invalid argument */
#define TARGET_ENFILE         23   /**< Too many open files in system */
#define TARGET_EMFILE         24   /**< Too many open files */
#define TARGET_ENOTTY         25    /**< Inappropriate ioctl for device */
#define TARGET_ETXTBSY        26   /**< Text file busy */
#define TARGET_EFBIG          27   /**< File too large */
#define TARGET_ENOSPC         28    /**< No space left on device */
#define TARGET_ESPIPE         29    /**< Illegal seek */
#define TARGET_EEXIST         30   /**< Read-only file system */
#define TARGET_EMLINK         31    /**< Too many links */
#define TARGET_EPIPE          32   /**< Broken pipe */

    /* math software */
#define TARGET_EDOM            33  /**< Numerical argument out of domain */
#define TARGET_ERANGE          34   /**< Result too large */

    /* non-blocking and interrupt i/o */
#define TARGET_EAGAIN          35  /**< Resource temporarily unavailable */
#define TARGET_EWOULDBLOCK    EAGAIN /**< Operation would block */
#define TARGET_EINPROGRESS     36   /**< Operation now in progress */
#define TARGET_EALREADY        37   /**< Operation already in progress */

    /* ipc/network software -- argument errors */
#define TARGET_ENOTSOCK       38   /**< Socket operation on non-socket */
#define TARGET_EDESTADDRREQ   39   /**< Destination address required */
#define TARGET_EMGSIZE        40    /**< Message too long */
#define TARGET_EPROTOTYPE      41   /**< Protocol wrong type for socket */
#define TARGET_ENOPROTOOPT    42    /**< Protocol not available */
#define TARGET_EPROTONOSUPPORT 43   /**< Protocol not supported */
#define TARGET_ESOCKTNOSUPPORT 44   /**< Socket type not supported */
#define TARGET_EOPNOTSUPP     45    /**< Operation not supported */
#define TARGET_EPFNOSUPPORT   46    /**< Protocol family not supported */
#define TARGET_EAFNOSUPPORT   47    /**< Address family not supported by protocol family */
#define TARGET_EADDRINUSE     48    /**< Address already in use */
#define TARGET_EADDRNOTAVAIL       49    /* Can't assign requested address */

/* ipc/network software -- operational errors */
#define TARGET_ENETDOWN            50    /* Network is down */
#define TARGET_ENETUNREACH         51    /* Network is unreachable */
#define TARGET_ENETRESET           52    /* Network dropped connection on reset */
#define TARGET_ECONNABORTED        53    /* Software caused connection abort */
#define TARGET_ECONNRESET          54    /* Connection reset by peer */
#define TARGET_ENOBFS              55    /* No buffer space available */
#define TARGET_EISCONN             56    /* Socket is already connected */
#define TARGET_ENOTCONN            57    /* Socket is not connected */
#define TARGET_ESHUTDOWN           58    /* Can't send after socket shutdown */
#define TARGET_ETOOMANYREFS        59    /* Too many references: can't splice */
#define TARGET_ETIMEDOUT           60    /* Operation timed out */
#define TARGET_ECONNREFUSED        61    /* Connection refused */
#define TARGET_ELOOP               62    /* Too many levels of symbolic links */
#define TARGET_ENAMETOOLONG        63    /* File name too long */

/* should be rearranged */
#define TARGET_EHOSTDOWN           64    /* Host is down */
#define TARGET_EHOSTUNREACH        65    /* No route to host */
#define TARGET_ENOTEMPTY           66    /* Directory not empty */

/* quotas & mush */
#define TARGET_EPROCLIM            67    /* Too many processes */
#define TARGET_EUSERS              68    /* Too many users */
#define TARGET_EDQUOT              69    /* Disk quota exceeded */

/* Network File System */
#define TARGET_ESTALE              70    /* Stale NFS file handle */
#define TARGET_EREMOTE             71    /* Too many levels of remote in path */
#define TARGET_EBADRPC             72    /* RPC struct is bad */
#define TARGET_ERPCMISMATCH        73    /* RPC version wrong */
#define TARGET_EPROGUNAVAIL        74    /* Program version not avail */
#define TARGET_EPROGMISMATCH       75    /* Program version wrong */
#define TARGET_EPROCUNAVAL         76    /* Bad procedure for program */
#define TARGET_ENOLCK              77    /* No locks available */
#define TARGET_ENOSYS              78    /* Function not implemented */
#define TARGET_EFTYPE              79    /* Inappropriate file type or format */
#define TARGET_EAUTH               80    /* Authentication error */
#define TARGET_ENEEGADAUTH         81    /* Need authenticator */
#define TARGET_EIPSEC              82    /* IPsec processing failure */
#define TARGET_ENOATTR             83    /* Attribute not found */
#define TARGET_EILSEQ              84    /* Illegal byte sequence */
#define TARGET_ENOMEDIUM           85    /* No medium found */
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{ TARGET_FREEBSD_NR__acl_aclcheck_fd, "__acl_aclcheck_fd", "%s(%d, %d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_aclcheck_file, "__acl_aclcheck_file", "%s("%s", %d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_aclcheck_link, "__acl_aclcheck_link", "%s("%s", %d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_delete_fd, "__acl_delete_fd", "%s(%d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_delete_file, "__acl_delete_file", "%s("%s", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_delete_link, "__acl_delete_link", "%s("%s", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_get_fd, "__acl_get_fd", "%s(%d, %d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_get_file, "__acl_get_file", "%s("%s", %d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_get_link, "__acl_get_link", "%s("%s", %d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_set_fd, "__acl_set_fd", "%s(%d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_set_file, "__acl_set_file", "%s("%s", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR__acl_set_link, "__acl_set_link", "%s("%s", %d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR__umtx_op, "_umtx_op", "%s(%#x, %d, %d, %#x, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_accept, "accept", "%s(%d,%#x,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_access, "access", "%s("%s",%#o)", NULL, NULL },
{ TARGET_FREEBSD_NR_acct, "acct", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_adjtime, "adjtime", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_bind, "bind", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_break, "break", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_chdir, "chdir", "%s("%s")", NULL, NULL },
{ TARGET_FREEBSD_NR_chflags, "chflags", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_chmod, "chmod", "%s("%s",%#o)"", NULL, NULL },
{ TARGET_FREEBSD_NR_chown, "chown", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_chroot, "chroot", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_clock_getres, "clock_getres", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_clock_gettime, "clock_gettime", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_clock_settime, "clock_settime", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_close, "close", "%s(%d)"", NULL, NULL },
{ TARGET_FREEBSD_NR_connect, "connect", "%s(%d, %#x,%d)"", NULL, NULL },
{ TARGET_FREEBSD_NR_dup, "dup", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_dup2, "dup2", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_eaccess, "eaccess", "%s("%s",%#x)"", NULL, NULL },
{ TARGET_FREEBSD_NR_execve, "execve", NULL, NULL, NULL },
[ TARGET_FREEBSD_NR_exit, "exit", "%s(%d)\n", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattrctl, "extattrctl", "%s\"%s\", %d, %d, %d, %s\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_delete_fd, "extattr_delete_fd", "%s(%d, %d, %d)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_delete_file, "extattr_delete_file", "%s(%d, %d, %s)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_delete_link, "extattr_delete_link", "%s(%s, %d, %s)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_get_fd, "extattr_get_fd", "%s(%d, %d, %d, %x, %d)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_get_file, "extattr_get_file", "%s(%s, %s, %d, %s)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_get_link, "extattr_get_link", "%s(%s, %d, %s, %x, %d)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_list_fd, "extattr_list_fd", "%s(%d, %d, %x, %d)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_list_file, "extattr_list_file", "%s(%s, %d, %x, %d)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_list_link, "extattr_list_link", "%s(%s, %d, %x, %d)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_set_fd, "extattr_set_fd", "%s(%d, %d, %s, %x, %d, %s)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_set_file, "extattr_set_file", "%s(%s, %s, %d, %s, %x, %d, %s)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_extattr_set_link, "extattr_set_link", "%s(%s, %d, %s, %x, %d)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_fchdir, "fchdir", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_fchmod, "fchmod", "%s(%d,%#o)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_fchown, "fchown", "%s(%d,%d,%d)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_fcntl, "fcntl", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_fexecve, "fexecve", NULL, print_execve, NULL ],
[ TARGET_FREEBSD_NR_fhopen, "fhopen", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_fhstat, "fhstat", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_fhstatfs, "fhstatfs", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_flock, "flock", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_fpathconf, "fpathconf", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_fstat, "fstat", "%s(%d,%#x)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_fstatat, "fstatat", "%s(%d,"%s", %#x, %d)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_fstatfs, "fstatfs", "%s(%d,%#x)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_fsync, "fsync", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_ftruncate, "ftruncate", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_futimes, "futimes", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_getcontext, "getcontext", "%s(%#x)\", NULL, NULL ],
[ TARGET_FREEBSD_NR_getdirentries, "getdirentries", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_freebsd6_mmap, "freebsd6_mmap", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_getegid, "getegid", "%s()\", NULL, NULL ],
[ TARGET_FREEBSD_NR_geteuid, "geteuid", "%s()\", NULL, NULL ],
[ TARGET_FREEBSD_NR_getfh, "getfh", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_getfsstat, "getfsstat", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_getgroups, "getgroups", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_getitimer, "getitimer", "getitimer", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_getlogin, "getlogin", NULL, NULL, NULL ],
[ TARGET_FREEBSD_NR_getpeername, "getpeername", NULL, NULL, NULL ],
Open Source Used In ASA-RM 9-17-0  3710

{ TARGET_FREEBSD_NR_getpgid, "getpgid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getpgrp, "getpgrp", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_getpid, "getpid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_getppid, "getppid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_getpriority, "getpriority", "%s(#x,#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_getresgid, "getresgid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getresuid, "getresuid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getrrlimit, "getrrlimit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getrusage, "getrusage", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_getsid, "getsid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getsockname, "getsockname", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getsockopt, "getsockopt", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_gettimeofday, "gettimeofday", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getuid, "getuid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_ioctl, "ioctl", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_isetugid, "isetugid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_kevent, "kevent", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_kill, "kill", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_kqueue, "kqueue", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktrace, "ktrace", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_lchown, "lchown", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_link, "link", "%s("%s",%s")", NULL, NULL },
{ TARGET_FREEBSD_NR_listen, "listen", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_lpathconf, "lpathconf", "%s("%s", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_lseek, "lseek", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_lstat, "lstat", "%s("%s",%p)", NULL, NULL },
{ TARGET_FREEBSD_NR_madvise, "madvise", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mincore, "mincore", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mkdir, "mkdir", "%s("%s",%o)", NULL, NULL },
{ TARGET_FREEBSD_NR_mkfifo, "mkfifo", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mknod, "mknod", "%s("%s",%#o,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_mlock, "mlock", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mlockall, "mlockall", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mmap, "mmap", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mprotect, "mprotect", "%s(#x,#x,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_msgctl, "msgctl", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msgget, "msgget", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR-msgget, "msgget", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msgrcv, "msgrcv", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msgsnd, "msgsnd", NULL, NULL, NULL },
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{ TARGET_FREEBSD_NR_nfssvc, "nfssvc", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_open, "open", "%s("%s",%#x,%#o)", NULL, NULL },
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TARGET_FREEBSD_NR_pathconf, "pathconf", "%s(%s", %d), NULL, NULL },
TARGET_FREEBSD_NR_pipe, "pipe", NULL, NULL, NULL },
TARGET_FREEBSD_NR_poll, "poll", NULL, NULL, NULL },
TARGET_FREEBSD_NR_pread, "pread", NULL, NULL, NULL },
TARGET_FREEBSD_NR_preadv, "preadv", NULL, NULL, NULL },
TARGET_FREEBSD_NR_profil, "profil", NULL, NULL, NULL },
TARGET_FREEBSD_NR_pwrite, "pwrite", NULL, NULL, NULL },
TARGET_FREEBSD_NR_ptrace, "ptrace", NULL, NULL, NULL },
TARGET_FREEBSD_NR_pwritev, "pwritev", NULL, NULL, NULL },
TARGET_FREEBSD_NR_quotactl, "quotactl", NULL, NULL, NULL },
TARGET_FREEBSD_NR_read, "read", "%s(%d,%#x,%d)", NULL, NULL },
TARGET_FREEBSD_NR_readlink, "readlink", "%s(\%s", %p, %d)", NULL, NULL },
TARGET_FREEBSD_NR_readdir, "readdir", NULL, NULL, NULL },
TARGET_FREEBSD_NR_recofnoset, "recofnoset", NULL, NULL, NULL },
TARGET_FREEBSD_NR_receivemsg, "receivemsg", NULL, NULL, NULL },
TARGET_FREEBSD_NR_renove, "renove", NULL, NULL, NULL },
TARGET_FREEBSD_NR_rfork, "rfork", NULL, NULL, NULL },
TARGET_FREEBSD_NR_rmdir, "rmdir", NULL, NULL, NULL },
TARGET_FREEBSD_NR_rtprio_thread, "rtprio_thread", "%s(%d, %d, %p)", NULL, NULL },
TARGET_FREEBSD_NR_sbrk, "sbrk", NULL, NULL, NULL },
TARGET_FREEBSD_NR_sched_yield, "sched_yield", NULL, NULL, NULL },
TARGET_FREEBSD_NR_select, "select", NULL, NULL, NULL },
TARGET_FREEBSD_NR_semget, "semget", NULL, NULL, NULL },
TARGET_FREEBSD_NR_semop, "semop", NULL, NULL, NULL },
TARGET_FREEBSD_NR_sendmsg, "sendmsg", NULL, NULL, NULL },
TARGET_FREEBSD_NR_sendto, "sendto", NULL, NULL, NULL },
TARGET_FREEBSD_NR_setcontext, "setcontext", "%s(%#x)", NULL, NULL },
TARGET_FREEBSD_NR_setegid, "setegid", NULL, NULL, NULL },
TARGET_FREEBSD_NR_seteuid, "seteuid", NULL, NULL, NULL },
TARGET_FREEBSD_NR_setgid, "setgid", NULL, NULL, NULL },
TARGET_FREEBSD_NR_setresgid, "setresgid", NULL, NULL, NULL },
TARGET_FREEBSD_NR_setresuid, "setresuid", NULL, NULL, NULL },
TARGET_FREEBSD_NR_setreuid, "setreuid", NULL, NULL, NULL },
TARGET_FREEBSD_NR_setrlimit, "setrlimit", NULL, NULL, NULL },
TARGET_FREEBSD_NR_setsid, "setsid", NULL, NULL, NULL },
TARGET_FREEBSD_NR_setsockopt, "setsockopt", NULL, NULL, NULL },
TARGET_FREEBSD_NR_settimeofday, "settimeofday", NULL, NULL, NULL },
TARGET_FREEBSD_NR_setuid, "setuid", NULL, NULL, NULL },
TARGET_FREEBSD_NR_shmat, "shmat", NULL, NULL, NULL },
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```
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```

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```
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```
#ifndef TOP
TOP = $(shell while ! test -e make.rules; do cd .. ; done; pwd)
```

# Default configuration for i386-bsd-user
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# * are made available under the terms of the BSD License
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# *
# * Contributors:
# * IBM Corporation - initial implementation
# *****************************************************************************/

ifdef TOP
TOP = $($(shell while ! test -e make.rules; do cd .. ; done; pwd))
export TOP
endif
include $(TOP)/make.rules

SUBDIRS=
ifeq ($(SNK_BIOSEMU_APPS), 1)
SUBDIRS += x86emu
endif
CLEANSUBDIRS = $(SUBDIRS)

all :
for subdir in $(SUBDIRS) ; do $(MAKE) -C $${subdir} || exit 1 ; done

# Common targets for all subdirectories:
clean distclean depend:
for subdir in $(CLEANSUBDIRS) ; do $(MAKE) -C $${subdir} $@ ; done
# Default configuration for sparc64-bsd-user
#**********************************************************************************
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# * are made available under the terms of the BSD License
# * which accompanies this distribution, and is available at
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#**********************************************************************************/

ifndef TOP
TOP = $(shell while ! test -e make.rules; do cd ..  ; done; pwd)
export TOP
endif
include $(TOP)/make.rules

ROOTDIR ?= ../..

LDFLAGS=
ASFLAGS= -I/include -Wa,-mregnames

#NOTE: -DDDEBUG only needed for debugging/tracing...
CFLAGS= -UDEBUG -m64 -I -L/include -I/x86emu \ 
-I$(TOP)/clients/net-snke/include -I$(ROOTDIR)/include \ 
-I$(ROOTDIR)/lib/libc/include -O3 -nostdinc -fno-builtin \ 
-ffreestanding -Wall -Wno-unused

X86EMU_OBJS= debug.o decode.o fpu.o ops2.o ops.o prim_ops.o sys.o

Open Source Used In ASA-RM 9-17-0 3721
%.o: %.S
$(CC) $(ASFLAGS) -c -o $@ $^

%.o: %.c
$(CC) $(CFLAGS) -c -o $@ $^  

all: libx86emu.a

libx86emu.a: $(X86EMU_OBJC)
$(AR) -rc $@ $^  
$(RANLIB) $@

clean:
$(RM) *.o *.i *.s libx86emu.a

distclean: clean
/* $OpenBSD: syscall.h,v 1.101 2008/03/16 19:43:41 otto Exp */

/*
* System call numbers.
*
* created from; OpenBSD: syscalls.master,v 1.90 2008/03/16 19:42:57 otto Exp
*/

#define TARGET_OPENBSD_NR_syscall     0
#define TARGET_OPENBSD_NR_exit        1
#define TARGET_OPENBSD_NR_fork        2
#define TARGET_OPENBSD_NR_read        3
#define TARGET_OPENBSD_NR_write       4
#define TARGET_OPENBSD_NR_open        5
#define TARGET_OPENBSD_NR_close       6
#define TARGET_OPENBSD_NR_wait4       7
#define TARGET_OPENBSD_NR_link        9
#define TARGET_OPENBSD_NR_unlink      10
#define TARGET_OPENBSD_NR_chdir       12
#define TARGET_OPENBSD_NR_fchdir      13
#define TARGET_OPENBSD_NR_mknod       14
#define TARGET_OPENBSD_NR_chmod       15
#define TARGET_OPENBSD_NR_chown       16
#define TARGET_OPENBSD_NR_break       17
#define TARGET_OPENBSD_NR_getpid      20
#define TARGET_OPENBSD_NR_mount       21
#define TARGET_OPENBSD_NRUnmount     22
#define TARGET_OPENBSD_NR_setuid      23
#define TARGET_OPENBSD_NR_getuid      24
#define TARGET_OPENBSD_NR_geteuid     25
#define TARGET_OPENBSD_NR_ptrace      26

#define TARGET_OPENBSD_NR_recvmsg 27
#define TARGET_OPENBSD_NR_sendmsg 28
#define TARGET_OPENBSD_NR_recvfrom 29
#define TARGET_OPENBSD_NR_accept 30
#define TARGET_OPENBSD_NR_getpeername 31
#define TARGET_OPENBSD_NR_getsockname 32
#define TARGET_OPENBSD_NR_access 33
#define TARGET_OPENBSD_NR_chflags 34
#define TARGET_OPENBSD_NR_fchflags 35
#define TARGET_OPENBSD_NR_sync 36
#define TARGET_OPENBSD_NR_kill 37
#define TARGET_OPENBSD_NR_getppid 39
#define TARGET_OPENBSD_NR_dup 41
#define TARGET_OPENBSD_NR_opipe 42
#define TARGET_OPENBSD_NR_getegid 43
#define TARGET_OPENBSD_NR_profil 44
#define TARGET_OPENBSD_NR_ktrace 45
#define TARGET_OPENBSD_NR_sigaction 46
#define TARGET_OPENBSD_NR_getgid 47
#define TARGET_OPENBSD_NR_sigprocmask 48
#define TARGET_OPENBSD_NR_getlogin 49
#define TARGET_OPENBSD_NR_setlogin 50
#define TARGET_OPENBSD_NR_acct 51
#define TARGET_OPENBSD_NR_sigpending 52
#define TARGET_OPENBSD_NR_osigaltstack 53
#define TARGET_OPENBSD_NR_ioctl 54
#define TARGET_OPENBSD_NR_reboot 55
#define TARGET_OPENBSD_NR_revoke 56
#define TARGET_OPENBSD_NR_symlink 57
#define TARGET_OPENBSD_NR_readlink 58
#define TARGET_OPENBSD_NR_execve 59
#define TARGET_OPENBSD_NR_umask 60
#define TARGET_OPENBSD_NR_chroot 61
#define TARGET_OPENBSD_NR_vfork 66
#define TARGET_OPENBSD_NR_sbrk 69
#define TARGET_OPENBSD_NR_sstk 70
#define TARGET_OPENBSD_NR_munmap 73
#define TARGET_OPENBSD_NR_mprotect 74
#define TARGET_OPENBSD_NR_madvise 75
#define TARGET_OPENBSD_NR_mincore 78
#define TARGET_OPENBSD_NR_getgroups 79
#define TARGET_OPENBSD_NR_setgroups 80
#define TARGET_OPENBSD_NR_getpgrp 81
#define TARGET_OPENBSD_NR_setpgid 82
#define TARGET_OPENBSD_NR_setitimer 83
#define TARGET_OPENBSD_NR_getitimer 86
#define TARGET_OPENBSD_NR_dup2 90
#define TARGET_OPENBSD_NR_fcntl 92
#define TARGET_OPENBSD_NR_select  93
#define TARGET_OPENBSD_NR_fsync   95
#define TARGET_OPENBSD_NR_setpriority 96
#define TARGET_OPENBSD_NR_socket   97
#define TARGET_OPENBSD_NR_connect  98
#define TARGET_OPENBSD_NR_getpriority 100
#define TARGET_OPENBSD_NR_sigreturn 103
#define TARGET_OPENBSD_NR_bind     104
#define TARGET_OPENBSD_NR_setsockopt 105
#define TARGET_OPENBSD_NR_listen   106
#define TARGET_OPENBSD_NR_gettimeofday 116
#define TARGET_OPENBSD_NR_getrusage 117
#define TARGET_OPENBSD_NR_gettimeofday 118
#define TARGET_OPENBSD_NR_readv   120
#define TARGET_OPENBSD_NR_writev  121
#define TARGET_OPENBSD_NR_settimeofday 122
#define TARGET_OPENBSD_NR_fchown   123
#define TARGET_OPENBSD_NR_fchmod   124
#define TARGET_OPENBSD_NR_setreuid 126
#define TARGET_OPENBSD_NR_setregid 127
#define TARGET_OPENBSD_NR_rename   128
#define TARGET_OPENBSD_NR_flock    131
#define TARGET_OPENBSD_NR_mkfifo   132
#define TARGET_OPENBSD_NR_sendto   133
#define TARGET_OPENBSD_NR_shutdown 134
#define TARGET_OPENBSD_NR_socketpair 135
#define TARGET_OPENBSD_NR_mkdir    136
#define TARGET_OPENBSD_NR_rmdir    137
#define TARGET_OPENBSD_NR_utimes   138
#define TARGET_OPENBSD_NR_adjtime  140
#define TARGET_OPENBSD_NR_setsid   147
#define TARGET_OPENBSD_NR_quotactl 148
#define TARGET_OPENBSD_NR_nfssvc   155
#define TARGET_OPENBSD_NR_getfh    161
#define TARGET_OPENBSD_NR_sysarch  165
#define TARGET_OPENBSD_NR_pread   173
#define TARGET_OPENBSD_NR_pwrite   174
#define TARGET_OPENBSD_NR_setgid   181
#define TARGET_OPENBSD_NR_setegid  182
#define TARGET_OPENBSD_NR_seteuid  183
#define TARGET_OPENBSD_NR_lfs_bmapv 184
#define TARGET_OPENBSD_NR_lfs_markv 185
#define TARGET_OPENBSD_NR_lfs_segclean 186
#define TARGET_OPENBSD_NR_lfs_segwait 187
#define TARGET_OPENBSD_NR_pathconf 191
#define TARGET_OPENBSD_NR_fpathconf 192
#define TARGET_OPENBSD_NR_swapctl  193
#define TARGET_OPENBSD_NR_getrlimit 194
#define TARGET_OPENBSD_NR_setrlimit 195
#define TARGET_OPENBSD_NR_getdirentries 196
#define TARGET_OPENBSD_NR_mmap 197
#define TARGET_OPENBSD_NR___syscall 198
#define TARGET_OPENBSD_NR_lseek 199
#define TARGET_OPENBSD_NR_truncate 200
#define TARGET_OPENBSD_NR_ftruncate 201
#define TARGET_OPENBSD_NR___sysctl 202
#define TARGET_OPENBSD_NR_mlock 203
#define TARGET_OPENBSD_NR_munlock 204
#define TARGET_OPENBSD_NR_futimes 206
#define TARGET_OPENBSD_NR_getpgid 207
#define TARGET_OPENBSD_NR_xfspioctl 208
#define TARGET_OPENBSD_NR_semget 221
#define TARGET_OPENBSD_NR_msgget 225
#define TARGET_OPENBSD_NR_msgsnd 226
#define TARGET_OPENBSD_NR_msgrcv 227
#define TARGET_OPENBSD_NR_shmat 228
#define TARGET_OPENBSD_NR_shmdt 230
#define TARGET_OPENBSD_NR_clock_gettime 232
#define TARGET_OPENBSD_NR_clock_settime 233
#define TARGET_OPENBSD_NR_clock_getres 234
#define TARGET_OPENBSD_NR_nanosleep 240
#define TARGET_OPENBSD_NR_minherit 250
#define TARGET_OPENBSD_NR_rfork 251
#define TARGET_OPENBSD_NR_poll 252
#define TARGET_OPENBSD_NR_issetugid 253
#define TARGET_OPENBSD_NR_lchown 254
#define TARGET_OPENBSD_NR_getsid 255
#define TARGET_OPENBSD_NR_msync 256
#define TARGET_OPENBSD_NR_pipe 263
#define TARGET_OPENBSD_NR_fhopen 264
#define TARGET_OPENBSD_NR_preadv 267
#define TARGET_OPENBSD_NR_pwritev 268
#define TARGET_OPENBSD_NR_kqueue 269
#define TARGET_OPENBSD_NR_kevent 270
#define TARGET_OPENBSD_NR_mlockall 271
#define TARGET_OPENBSD_NR_munlockall 272
#define TARGET_OPENBSD_NR_getpeereid 273
#define TARGET_OPENBSD_NR_getresuid 281
#define TARGET_OPENBSD_NR_setresuid 282
#define TARGET_OPENBSD_NR_getresgid 283
#define TARGET_OPENBSD_NR_setresgid 284
#define TARGET_OPENBSD_NR_mquery 286
#define TARGET_OPENBSD_NR_closefrom 287
#define TARGET_OPENBSD_NR_sigaltstack 288
#define TARGET_OPENBSD_NR_shmget 289
## Open Source Used In ASA-RM 9-17-0 3726

```c
#define TARGET_OPENBSD_NR_semop 290
#define TARGET_OPENBSD_NR_stat 291
#define TARGET_OPENBSD_NR_fstat 292
#define TARGET_OPENBSD_NR_lstat 293
#define TARGET_OPENBSD_NR_fhstat 294
#define TARGET_OPENBSD_NR___semctl 295
#define TARGET_OPENBSD_NR_shmctl 296
#define TARGET_OPENBSD_NR_msgctl 297
#define TARGET_OPENBSD_NR_sched_yield 298
#define TARGET_OPENBSD_NR_getthrid 299
#define TARGET_OPENBSD_NR_thrsleep 300
#define TARGET_OPENBSD_NR_thrwakeup 301
#define TARGET_OPENBSD_NR_threxit 302
#define TARGET_OPENBSD_NR_thrsigdivert 303
#define TARGET_OPENBSD_NR___getcwd 304
#define TARGET_OPENBSD_NR_adjfreq 305
#define TARGET_OPENBSD_NR_getfsstat 306
#define TARGET_OPENBSD_NR__statfs 307
#define TARGET_OPENBSD_NR_fhstatfs 308
#define TARGET_OPENBSD_NR_fstatfs 309
```

/* syscall flags from machine/trap.h */

/* $OpenBSD: trap.h,v 1.4 2008/07/04 22:04:37 kettenis Exp $ */
/* $NetBSD: trap.h,v 1.4 1999/06/07 05:28:04 eeh Exp $ */

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* */
#define TARGET_OPENBSD_SYSCALL_G2RFLAG 0x400   /* on success, return %g2 rather than npc */
#define TARGET_OPENBSD_SYSCALL_G7RFLAG 0x800   /* use %g7 as above (deprecated) */

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That's all there is to it!

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Version 2, June 1991

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# Default configuration for x86_64-bsd-user

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Ty Coon, President of Vice
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/* $NetBSD: syscall.h,v 1.215 2008/06/17 16:07:57 tsutsui Exp */

/*
 * System call numbers.
 *
 * created fromNetBSD: syscalls.master,v 1.204 2008/06/17 16:05:23 tsutsui Exp
 */

#define TARGET_NETBSD_NR_syscall 0
#define TARGET_NETBSD_NR_exit 1
#define TARGET_NETBSD_NR_fork 2
#define TARGET_NETBSD_NR_read 3
#define TARGET_NETBSD_NR_write 4
#define TARGET_NETBSD_NR_open 5
#define TARGET_NETBSD_NR_close 6
#define TARGET_NETBSD_NR_wait4 7
#define TARGET_NETBSD_NR_compat_43_ocreat 8
#define TARGET_NETBSD_NR_link 9
#define TARGET_NETBSD_NR_unlink 10
#define TARGET_NETBSD_NR_chdir 12
#define TARGET_NETBSD_NR_fchdir 13
#define TARGET_NETBSD_NR_mknod 14
#define TARGET_NETBSD_NR_chmod 15
#define TARGET_NETBSD_NR_chown 16
#define TARGET_NETBSD_NR_break 17
#define TARGET_NETBSD_NR_compat_20_getfsstat 18
#define TARGET_NETBSD_NR_compat_43_olseek 19
#define TARGET_NETBSD_NR_getpid 20
#define TARGET_NETBSD_NR_getpid 20
#define TARGET_NETBSD_NR_compat_40_mount 21
#define TARGET_NETBSD_NR_unmount 22
#define TARGET_NETBSD_NR_setuid 23
#define TARGET_NETBSD_NR_getuid 24
#define TARGET_NETBSD_NR_geteuid 25
#define TARGET_NETBSD_NR_ptrace 26
#define TARGET_NETBSD_NR_recvmsg 27
#define TARGET_NETBSD_NR_sendmsg 28
#define TARGET_NETBSD_NR_recvfrom 29
#define TARGET_NETBSD_NR_accept 30
#define TARGET_NETBSD_NR_getpeereolename 31
#define TARGET_NETBSD_NR_getsockname 32
#define TARGET_NETBSD_NR_access 33
#define TARGET_NETBSD_NR_chflags 34
#define TARGET_NETBSD_NR_fchflags 35
#define TARGET_NETBSD_NR_sync 36
#define TARGET_NETBSD_NR_kill 37
#define TARGET_NETBSD_NR_compat_43_stat43 38
#define TARGET_NETBSD_NR_setppid 39
#define TARGET_NETBSD_NR_compat_43_lstat43 40
#define TARGET_NETBSD_NR_dup 41
#define TARGET_NETBSD_NR_pipe 42
#define TARGET_NETBSD_NR_getegid 43
#define TARGET_NETBSD_NR_profile 44
#define TARGET_NETBSD_NR_ktrace 45
#define TARGET_NETBSD_NR_compat_13_sigaction13 46
#define TARGET_NETBSD_NR_getgid 47
#define TARGET_NETBSD_NR_getgid 47
#define TARGET_NETBSD_NR_compat_13_sigprocmask13 48
#define TARGET_NETBSD_NR___getlogin 49
#define TARGET_NETBSD_NR___setlogin 50
#define TARGET_NETBSD_NR_acct 51
#define TARGET_NETBSD_NR_compat_13_sigtimer 52
#define TARGET_NETBSD_NR_compat_13_sigtstck13 53
#define TARGET_NETBSD_NR_ioctl 54
#define TARGET_NETBSD_NR_compat_12_oreboot 55
#define TARGET_NETBSD_NR_revoke 56
#define TARGET_NETBSD_NR_symlink 57
#define TARGET_NETBSD_NR_readlink 58
#define TARGET_NETBSD_NR_execve 59
#define TARGET_NETBSD_NR_umask 60
#define TARGET_NETBSD_NR_chroot 61
#define TARGET_NETBSD_NR_compat_43_fstat43 62
#define TARGET_NETBSD_NR_compat_43_ogetkerninfo 63
#define TARGET_NETBSD_NR_compat_43_ogetpagesize 64
#define TARGET_NETBSD_NR_compat_12_msync 65
#define TARGET_NETBSD_NR_vfork 66
#define TARGET_NETBSD_NR_sbrk 69
#define TARGET_NETBSD_NR_sstk 70
#define TARGET_NETBSD_NR_compat_43_ommap 71
#define TARGET_NETBSD_NR_vadvise 72
#define TARGET_NETBSD_NR_munmap 73
#define TARGET_NETBSD_NR_mprotect 74
#define TARGET_NETBSD_NR_madvise 75
#define TARGET_NETBSD_NR_mprotect 76
#define TARGET_NETBSD_NR_getgroups 79
#define TARGET_NETBSD_NR_setgroups 80
#define TARGET_NETBSD_NR_setpgid 81
#define TARGET_NETBSD_NR_getpgid 82
#define TARGET_NETBSD_NR_setitimer 83
#define TARGET_NETBSD_NR_compat_43_owait 84
#define TARGET_NETBSD_NR_compat_12_oswapon 85
#define TARGET_NETBSD_NR_getitimer 86
#define TARGET_NETBSD_NR_compat_43_orandom 87
#define TARGET_NETBSD_NR_compat_43_osethostname 88
#define TARGET_NETBSD_NR_compat_43_ogetdtablesize 89
#define TARGET_NETBSD_NR_dup2 90
#define TARGET_NETBSD_NR_fcntl 92
#define TARGET_NETBSD_NR_select 93
#define TARGET_NETBSD_NR_fsync 95
#define TARGET_NETBSD_NR_setpriority 96
#define TARGET_NETBSD_NR_compat_30_socket 97
#define TARGET_NETBSD_NR_connect 98
#define TARGET_NETBSD_NR_getpriority 100
#define TARGET_NETBSD_NR_compat_43_osend 101
#define TARGET_NETBSD_NR_compat_43_oaccept 102
#define TARGET_NETBSD_NR_compat_43_osigvec 103
#define TARGET_NETBSD_NR_compat_43_osigblock 104
#define TARGET_NETBSD_NR_compat_43_osigsetmask 105
#define TARGET_NETBSD_NR_compat_43_osigstack 106
#define TARGET_NETBSD_NR_compat_43_orecvmsg 107
#define TARGET_NETBSD_NR_compat_43_osendmsg 108
#define TARGET_NETBSD_NR_gettimeofday 109
#define TARGET_NETBSD_NR_getrusage 110
#define TARGET_NETBSD_NR_getsockopt 111
#define TARGET_NETBSD_NR_readv 112
#define TARGET_NETBSD_NR_writev 113
#define TARGET_NETBSD_NR_settimeofday 114
#define TARGET_NETBSD_NR_fchown 115
#define TARGET_NETBSD_NR_fchmod 116
#define TARGET_NETBSD_NR_compat_43_orecvfrom 117
#define TARGET_NETBSD_NR_setreuid 118
#define TARGET_NETBSD_NR_setregid 119
#define TARGET_NETBSD_NR_rename 120
#define TARGET_NETBSD_NR_compat_43_otruncate 121
#define TARGET_NETBSD_NR_compat_43_oftruncate 122
#define TARGET_NETBSD_NR_flock 123
#define TARGET_NETBSD_NR_mkfifo 124
#define TARGET_NETBSD_NR_sendto 125
#define TARGET_NETBSD_NR_shutdown 126
#define TARGET_NETBSD_NR_socketpair 127
#define TARGET_NETBSD_NR_mkdir 128
#define TARGET_NETBSD_NR_rmdir 129
#define TARGET_NETBSD_NR_utimes 130
#define TARGET_NETBSD_NR_adjtime 131
#define TARGET_NETBSD_NR_compat_43_ogetpeername 132
#define TARGET_NETBSD_NR_compat_43_ogethostid 142
#define TARGET_NETBSD_NR_compat_43_osethostid 143
#define TARGET_NETBSD_NR_compat_43_ogetrlimit 144
#define TARGET_NETBSD_NR_compat_43_osetrlimit 145
#define TARGET_NETBSD_NR_compat_43_okillpg 146
#define TARGET_NETBSD_NR_setsid 147
#define TARGET_NETBSD_NR_quotactl 148
#define TARGET_NETBSD_NR_compat_43_oquota 149
#define TARGET_NETBSD_NR_compat_43_ogetsockname 150
#define TARGET_NETBSD_NR_nfssvc 155
#define TARGET_NETBSD_NR_compat_43_ogetdirentries 156
#define TARGET_NETBSD_NR_compat_20_statfs 157
#define TARGET_NETBSD_NR_compat_20_fstatfs 158
#define TARGET_NETBSD_NR_compat_30_getfh 161
#define TARGET_NETBSD_NR_compat_30_getth 161
#define TARGET_NETBSD_NR_compat_09_ogetdomainname 162
#define TARGET_NETBSD_NR_compat_09_osetdomainname 163
#define TARGET_NETBSD_NR_sysarch 165
#define TARGET_NETBSD_NR_compat_10_osemsys 169
#define TARGET_NETBSD_NR_compat_10_omsgsys 170
#define TARGET_NETBSD_NR_compat_10_oshmsys 171
#define TARGET_NETBSD_NR_pread 173
#define TARGET_NETBSD_NR_pwrite 174
#define TARGET_NETBSD_NR_compat_30_ntp_gettime 175
#define TARGET_NETBSD_NR_ntp_adjtime 176
#define TARGET_NETBSD_NR_setgid 181
#define TARGET_NETBSD_NR_setegid 182
#define TARGET_NETBSD_NR_seteuid 183
#define TARGET_NETBSD_NR_lfs_bmapv 184
#define TARGET_NETBSD_NR_lfs_markv 185
#define TARGET_NETBSD_NR_lfs_segeclean 186
#define TARGET_NETBSD_NR_lfs_segwait 187
#define TARGET_NETBSD_NR_compat_12_stat12 188
#define TARGET_NETBSD_NR_compat_12_fstat12 189
#define TARGET_NETBSD_NR_compat_12_lstat12 190
#define TARGET_NETBSD_NR_pathconf 191
#define TARGET_NETBSD_NR_fpathconf 192
#define TARGET_NETBSD_NR_getrlimit 194
#define TARGET_NETBSD_NR_setrlimit 195
#define TARGET_NETBSD_NR_compat_12_getdirentries 196
#define TARGET_NETBSD_NR_mmap 197
#define TARGET_NETBSD_NR___syscall 198
#define TARGET_NETBSD_NR_lseek 199
#define TARGET_NETBSD_NR_truncate 200
#define TARGET_NETBSD_NR_ftruncate 201
#define TARGET_NETBSD_NR___sysctl 202
#define TARGET_NETBSD_NR_mlock 203
#define TARGET_NETBSD_NR_munlock 204
#define TARGET_NETBSD_NR_undo_delete          205
#define TARGET_NETBSD_NR_undo_set              206
#define TARGET_NETBSD_NR_undo_page             207
#define TARGET_NETBSD_NR_undo_unmap            208
#define TARGET_NETBSD_NR_undo_unpin            209
#define TARGET_NETBSD_NR_undo_pin              210
#define TARGET_NETBSD_NR undo_pin              211
#define TARGET_NETBSD_NR undo_unpin            212
#define TARGET_NETBSD_NR undo_unmap            213
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#define TARGET_NETBSD_NR undo_page             215
#define TARGET_NETBSD_NR undo_delete           216
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#define TARGET_NETBSD_NR undo_page             219
#define TARGET_NETBSD_NR undo_set              220
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#define TARGET_NETBSD_NR undo_unpin            222
#define TARGET_NETBSD_NR undo_pin              223
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#define TARGET_NETBSD_NR undo_page             225
#define TARGET_NETBSD_NR undo_page             226
#define TARGET_NETBSD_NR undo_set              227
#define TARGET_NETBSD_NR undo_unmap            228
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#define TARGET_NETBSD_NR undo                231
#define TARGET_NETBSD_NR undo_page             232
#define TARGET_NETBSD_NR undo_page             233
#define TARGET_NETBSD_NR undo_set              234
#define TARGET_NETBSD_NR undo_unmap            235
#define TARGET_NETBSD_NR undo_unpin            236
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#define TARGET_NETBSD_NR undo                238
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#define TARGET_NETBSD_NR undo_page             240
#define TARGET_NETBSD_NR undo_set              241
#define TARGET_NETBSD_NR undo_unmap            242
#define TARGET_NETBSD_NR undo_unpin            243
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#define TARGET_NETBSD_NR undo                245
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#define TARGET_NETBSD_NR undo_page             247
#define TARGET_NETBSD_NR undo_set              248
#define TARGET_NETBSD_NR undo_unmap            249
#define TARGET_NETBSD_NR undo_unpin            250
#define TARGET_NETBSD_NR undo_pin              251
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#define TARGET_NETBSD_NR undo_page             253
#define TARGET_NETBSD_NR undo_page             254
#define TARGET_NETBSD_NR undo_set              255
#define TARGET_NETBSD_NR undo_unmap            256
#define TARGET_NETBSD_NR undo_unpin            257
#define TARGET_NETBSD_NR undo_pin              258
#define TARGET_NETBSD_NR undo                259
#define TARGET_NETBSD_NR undo_page             260
#define TARGET_NETBSD_NR undo_page             261
#define TARGET_NETBSD_NR undo_set              262
#define TARGET_NETBSD_NR undo_unmap            263
#define TARGET_NETBSD_NR undo_unpin            264
#define TARGET_NETBSD_NR_mq_timedsend 265
#define TARGET_NETBSD_NR_mq_timedreceive 266
#define TARGET_NETBSD_NR___posix_rename 270
#define TARGET_NETBSD_NR_swapctl 271
#define TARGET_NETBSD_NR_compat_30_getdents 272
#define TARGET_NETBSD_NR_minherit 273
#define TARGET_NETBSD_NR_lchmod 274
#define TARGET_NETBSD_NR_lchown 275
#define TARGET_NETBSD_NR_lutimes 276
#define TARGET_NETBSD_NR___msync13 277
#define TARGET_NETBSD_NR_compat_30___stat13 278
#define TARGET_NETBSD_NR_compat_30___fstat13 279
#define TARGET_NETBSD_NR_compat_30___lstat13 280
#define TARGET_NETBSD_NR___sigaltstack14 281
#define TARGET_NETBSD_NR___vfork14 282
#define TARGET_NETBSD_NR___posix_chown 283
#define TARGET_NETBSD_NR___posix_fchown 284
#define TARGET_NETBSD_NR___posix_lchown 285
#define TARGET_NETBSD_NR_getsid 286
#define TARGET_NETBSD_NR___clone 287
#define TARGET_NETBSD_NR_fktrace 288
#define TARGET_NETBSD_NR_preadv 289
#define TARGET_NETBSD_NR_pwritev 290
#define TARGET_NETBSD_NR_compat_16___sigaction14 291
#define TARGET_NETBSD_NR___sigpending14 292
#define TARGET_NETBSD_NR___sigprocmask14 293
#define TARGET_NETBSD_NR___sigsuspend14 294
#define TARGET_NETBSD_NR_compat_16___sigreturn14 295
#define TARGET_NETBSD_NR___getcwd 296
#define TARGET_NETBSD_NR_fchroot 297
#define TARGET_NETBSD_NR_compat_30_fhopen 298
#define TARGET_NETBSD_NR_compat_30_fhstat 299
#define TARGET_NETBSD_NR_compat_20_fhstatfs 300
#define TARGET_NETBSD_NR_____semct13 301
#define TARGET_NETBSD_NR___msgctl13 302
#define TARGET_NETBSD_NR___shmctl13 303
#define TARGET_NETBSD_NR_lchflags 304
#define TARGET_NETBSD_NR_issetugid 305
#define TARGET_NETBSD_NR_utrace 306
#define TARGET_NETBSD_NR_getcontext 307
#define TARGET_NETBSD_NR_setcontext 308
#define TARGET_NETBSD_NR___lwp_create 309
#define TARGET_NETBSD_NR___lwp_exit 310
#define TARGET_NETBSD_NR___lwp_self 311
#define TARGET_NETBSD_NR___lwp_wait 312
#define TARGET_NETBSD_NR___lwp_suspend 313
#define TARGET_NETBSD_NR___lwp_continue 314
#define TARGET_NETBSD_NR___lwp_wakeup 315
#define TARGET_NETBSD_NR__lwp_getprivate 316
#define TARGET_NETBSD_NR__lwp_setprivate 317
#define TARGET_NETBSD_NR__lwp_kill 318
#define TARGET_NETBSD_NR__lwp_detach 319
#define TARGET_NETBSD_NR__lwp_park 320
#define TARGET_NETBSD_NR__lwp_unpark 321
#define TARGET_NETBSD_NR__lwp_unpark_all 322
#define TARGET_NETBSD_NR__lwp_setname 323
#define TARGET_NETBSD_NR__lwp_getname 324
#define TARGET_NETBSD_NR__lwp_ctl 325
#define TARGET_NETBSD_NR_sa_register 330
#define TARGET_NETBSD_NR_sa_stacks 331
#define TARGET_NETBSD_NR_sa_enable 332
#define TARGET_NETBSD_NR_sa_setconcurrency 333
#define TARGET_NETBSD_NR_sa_yield 334
#define TARGET_NETBSD_NR_sa_preempt 335
#define TARGET_NETBSD_NR_sa_unblockyield 336
#define TARGET_NETBSD_NR___sigaction_sigtramp 340
#define TARGET_NETBSD_NR_pmc_get_info 341
#define TARGET_NETBSD_NR_pmc_control 342
#define TARGET_NETBSD_NR_rasctl 343
#define TARGET_NETBSD_NR_kqueue 344
#define TARGET_NETBSD_NR_kevent 345
#define TARGET_NETBSD_NR__sched_setparam 346
#define TARGET_NETBSD_NR__sched_getparam 347
#define TARGET_NETBSD_NR__sched_setaffinity 348
#define TARGET_NETBSD_NR__sched_getaffinity 349
#define TARGET_NETBSD_NR_sched_yield 350
#define TARGET_NETBSD_NR_fsync_range 354
#define TARGET_NETBSD_NR_uuidgen 355
#define TARGET_NETBSD_NR_getvfsstat 356
#define TARGET_NETBSD_NR_statvfs1 357
#define TARGET_NETBSD_NR_fstatvfs1 358
#define TARGET_NETBSD_NR_compat_30_fhstatvfs1 359
#define TARGET_NETBSD_NR_extattrctl 360
#define TARGET_NETBSD_NR_extattr_set_file 361
#define TARGET_NETBSD_NR_extattr_get_file 362
#define TARGET_NETBSD_NR_extattr_delete_file 363
#define TARGET_NETBSD_NR_extattr_set_fd 364
#define TARGET_NETBSD_NR_extattr_get_fd 365
#define TARGET_NETBSD_NR_extattr_delete_fd 366
#define TARGET_NETBSD_NR_extattr_set_link 367
#define TARGET_NETBSD_NR_extattr_get_link 368
#define TARGET_NETBSD_NR_extattr_delete_link 369
#define TARGET_NETBSD_NR_extattr_list_fd 370
#define TARGET_NETBSD_NR_extattr_list_file 371
#define TARGET_NETBSD_NR_extattr_list_link 372
#define TARGET_NETBSD_NR_pselect 373
#define TARGET_NETBSD_NR_pollts 374
#define TARGET_NETBSD_NR_setxattr 375
#define TARGET_NETBSD_NR_lsetxattr 376
#define TARGET_NETBSD_NR_fsetxattr 377
#define TARGET_NETBSD_NR_getxattr 378
#define TARGET_NETBSD_NR_lgetxattr 379
#define TARGET_NETBSD_NR_fgetxattr 380
#define TARGET_NETBSD_NR_listxattr 381
#define TARGET_NETBSD_NR_llistxattr 382
#define TARGET_NETBSD_NR_flistxattr 383
#define TARGET_NETBSD_NR_removexattr 384
#define TARGET_NETBSD_NR_lremovexattr 385
#define TARGET_NETBSD_NR_fremovexattr 386
#define TARGET_NETBSD_NR___stat30 387
#define TARGET_NETBSD_NR___fstat30 388
#define TARGET_NETBSD_NR___lstat30 389
#define TARGET_NETBSD_NR___getdents30 390
#define TARGET_NETBSD_NR_compat_30___fhstat30 392
#define TARGET_NETBSD_NR___ntp_gettime30 393
#define TARGET_NETBSD_NR___socket30 394
#define TARGET_NETBSD_NR___getfh30 395
#define TARGET_NETBSD_NR___fhopen40 396
#define TARGET_NETBSD_NR___fhstatvfs140 397
#define TARGET_NETBSD_NR___fhstat40 398
#define TARGET_NETBSD_NR_aio_cancel 399
#define TARGET_NETBSD_NR_aio_error 400
#define TARGET_NETBSD_NR_aio_fsync 401
#define TARGET_NETBSD_NR_aio_read 402
#define TARGET_NETBSD_NR_aio_return 403
#define TARGET_NETBSD_NR_aio_suspend 404
#define TARGET_NETBSD_NR_aio_write 405
#define TARGET_NETBSD_NR_lio_listio 406
#define TARGET_NETBSD_NR___mount50 410
#define TARGET_NETBSD_NR_mremap 411
#define TARGET_NETBSD_NR_pset_create 412
#define TARGET_NETBSD_NR_pset_destroy 413
#define TARGET_NETBSD_NR_pset_assign 414
#define TARGET_NETBSD_NR_pset_bind 415
#define TARGET_NETBSD_NR__posix_fadvise50 416

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/*
 * System call numbers.
 *
 * created from FreeBSD: releng/9.1/sys/kern/sy scams.master 229723
 * 2012-01-06 19:29:16Z jhb
 */
#define TARGET_FREEBSD_NR_syscall   0
#define TARGET_FREEBSD_NR_exit  1
#define TARGET_FREEBSD_NR_fork  2
#define TARGET_FREEBSD_NR_read  3
#define TARGET_FREEBSD_NR_write 4
#define TARGET_FREEBSD_NR_open  5
#define TARGET_FREEBSD_NR_close 6
#define TARGET_FREEBSD_NR_wait4 7
      /* 8 is old creat */
#define TARGET_FREEBSD_NR_link  9
#define TARGET_FREEBSD_NR_unlink 10
      /* 11 is obsolete execv */
#define TARGET_FREEBSD_NR_chdir 12
#define TARGET_FREEBSD_NR_fchdir 13
#define TARGET_FREEBSD_NR_mknod 14
#define TARGET_FREEBSD_NR_chmod 15
#define TARGET_FREEBSD_NR_chown 16
#define TARGET_FREEBSD_NR_break 17
#define TARGET_FREEBSD_NR_freebsd4_getfsstat 18
      /* 19 is old lseek */
#define TARGET_FREEBSD_NR_getpid 20
#define TARGET_FREEBSD_NR_mount 21
#define TARGET_FREEBSD_NRUnmount 22
#define TARGET_FREEBSD_NR_setuid 23
#define TARGET_FREEBSD_NR_getuid 24
#define TARGET_FREEBSD_NR_geteuid 25
#define TARGET_FREEBSD_NR_ptrace 26
#define TARGET_FREEBSD_NR_recvmsg 27
#define TARGET_FREEBSD_NR_sendmsg 28
#define TARGET_FREEBSD_NR_recvfrom 29
#define TARGET_FREEBSD_NR_accept 30
#define TARGET_FREEBSD_NR_getpeername 31
#define TARGET_FREEBSD_NR_getsockname 32
#define TARGET_FREEBSD_NR_access 33
#define TARGET_FREEBSD_NR_chflags 34
#define TARGET_FREEBSD_NR_fchflags 35
#define TARGET_FREEBSD_NR_sync 36
#define TARGET_FREEBSD_NR_kill 37
      /* 38 is old stat */
#define TARGET_FREEBSD_NR_getppid 39
      /* 40 is old lstat */
#define TARGET_FREEBSD_NR_dup 41
#define TARGET_FREEBSD_NR_pipe 42
#define TARGET_FREEBSD_NR_getegid 43
#define TARGET_FREEBSD_NR_prof 44
#define TARGET_FREEBSD_NR_ktrace 45
/* 46 is old sigaction */
#define TARGET_FREEBSD_NR_getgid 47
/* 48 is old sigprocmask */
#define TARGET_FREEBSD_NR_getlogin 49
#define TARGET_FREEBSD_NR_setlogin 50
#define TARGET_FREEBSD_NR_acct 51
/* 52 is old sigpending */
#define TARGET_FREEBSD_NR_sigaltstack 53
#define TARGET_FREEBSD_NR_ioctl 54
#define TARGET_FREEBSD_NR_reboot 55
#define TARGET_FREEBSD_NR_revoke 56
#define TARGET_FREEBSD_NR_symlink 57
#define TARGET_FREEBSD_NR_readlink 58
#define TARGET_FREEBSD_NR_execve 59
#define TARGET_FREEBSD_NR_umask 60
#define TARGET_FREEBSD_NR_chroot 61
/* 62 is old fstat */
/* 63 is old getkerninfo */
/* 64 is old getpagesize */
#define TARGET_FREEBSD_NR_msync 65
#define TARGET_FREEBSD_NR_vfork 66
/* 67 is obsolete vread */
/* 68 is obsolete vwrite */
#define TARGET_FREEBSD_NR_sbrk 69
#define TARGET_FREEBSD_NR_sstk 70
/* 71 is old mmap */
#define TARGET_FREEBSD_NR_vadvise 72
#define TARGET_FREEBSD_NR_munmap 73
#define TARGET_FREEBSD_NR_mprotect 74
#define TARGET_FREEBSD_NR_madvise 75
/* 76 is obsolete vhangup */
/* 77 is obsolete vlimit */
#define TARGET_FREEBSD_NR_mincore 78
#define TARGET_FREEBSD_NR_getgroups 79
#define TARGET_FREEBSD_NR_setgroups 80
#define TARGET_FREEBSD_NR_getpgpr 81
#define TARGET_FREEBSD_NR_setpgid 82
#define TARGET_FREEBSD_NR_setitimer 83
/* 84 is old wait */
#define TARGET_FREEBSD_NR_swapon 85
#define TARGET_FREEBSD_NR_getitimer 86
/* 87 is old gethostname */
/* 88 is old sethostname */
#define TARGET_FREEBSD_NR_getdtablesize 89
#define TARGET_FREEBSD_NR_dup2 90
#define TARGET_FREEBSD_NR_fcntl 92
#define TARGET_FREEBSD_NR_select 93
#define TARGET_FREEBSD_NR_fsync 95
#define TARGET_FREEBSD_NR_setpriority  96
#define TARGET_FREEBSD_NR_socket        97
#define TARGET_FREEBSD_NR_connect       98
/* 99 is old accept */
#define TARGET_FREEBSD_NR_getpriority   100
/* 101 is old send */
/* 102 is old recv */
/* 103 is old sigreturn */
#define TARGET_FREEBSD_NR_bind          104
#define TARGET_FREEBSD_NR_setsockopt    105
#define TARGET_FREEBSD_NR_listen        106
/* 107 is obsolete vtimes */
/* 108 is old sigvec */
/* 109 is old sigblock */
/* 110 is old sigsetmask */
/* 111 is old sigsuspend */
/* 112 is old sigstack */
/* 113 is old recvmsg */
/* 114 is old sendmsg */
/* 115 is obsolete vtrace */
#define TARGET_FREEBSD_NR_gettimeofday  116
#define TARGET_FREEBSD_NR_getrusage     117
#define TARGET_FREEBSD_NR_getsockopt    118
#define TARGET_FREEBSD_NR_readv        120
#define TARGET_FREEBSD_NR_writev       121
#define TARGET_FREEBSD_NR_gettimeofday  116
#define TARGET_FREEBSD_NR_getrusage     117
#define TARGET_FREEBSD_NR_getsockopt    118
#define TARGET_FREEBSD_NR_readv        120
#define TARGET_FREEBSD_NR_writev       121
#define TARGET_FREEBSD_NR_settimeofday  122
#define TARGET_FREEBSD_NR_fchown        123
#define TARGET_FREEBSD_NR_fchmod        124
/* 125 is old recvfrom */
#define TARGET_FREEBSD_NR_setreuid      126
#define TARGET_FREEBSD_NR_setregid      127
#define TARGET_FREEBSD_NR_rename       128
/* 129 is old truncate */
/* 130 is old ftruncate */
#define TARGET_FREEBSD_NR_flock         131
#define TARGET_FREEBSD_NR_mkfifo        132
#define TARGET_FREEBSD_NR_sendto        133
#define TARGET_FREEBSD_NR_shutdown      134
#define TARGET_FREEBSD_NR_socketpair    135
#define TARGET_FREEBSD_NR_mkdir         136
#define TARGET_FREEBSD_NR_rmdir         137
#define TARGET_FREEBSD_NR_utimes        138
/* 139 is obsolete 4.2 sigreturn */
#define TARGET_FREEBSD_NR_adjtime       140
/* 141 is old getpeername */
/* 142 is old gethostid */
/* 143 is old sethostid */
/* 144 is old getrlimit */
/* 145 is old setrlimit */
/* 146 is old killpg */
#define TARGET_FREEBSD_NR_killpg 146 /* COMPAT */
#define TARGET_FREEBSD_NR_setsid 147
#define TARGET_FREEBSD_NR_quotactl 148
/* 149 is old quota */
/* 150 is old getsockname */
#define TARGET_FREEBSD_NR_nlm_syscall 154
#define TARGET_FREEBSD_NR_nfssvc 155
/* 156 is old getdirentries */
#define TARGET_FREEBSD_NR_freebsd4_statfs 157
#define TARGET_FREEBSD_NR_freebsd4_fstatfs 158
#define TARGET_FREEBSD_NR_lgetfh 160
#define TARGET_FREEBSD_NR_getfh 161
#define TARGET_FREEBSD_NR_freebsd4_getdomainname 162
#define TARGET_FREEBSD_NR_freebsd4_setdomainname 163
#define TARGET_FREEBSD_NR_freebsd4_uname 164
#define TARGET_FREEBSD_NR_sysarch 165
#define TARGET_FREEBSD_NR_rtprio 166
#define TARGET_FREEBSD_NR_semsys 169
#define TARGET_FREEBSD_NR_msgsys 170
#define TARGET_FREEBSD_NR_shmsys 171
#define TARGET_FREEBSD_NR_freebsd4_pread 173
#define TARGET_FREEBSD_NR_freebsd4_pwrite 174
#define TARGET_FREEBSD_NR__syscall 198
#define TARGET_FREEBSD_NR_freebsd6_lseek 199
#define TARGET_FREEBSD_NR_freebsd6_truncate 200
#define TARGET_FREEBSD_NR_freebsd6_ftruncate 201
#define TARGET_FREEBSD_NR__sysctl 202
#define TARGET_FREEBSD_NR_mlock 203
#define TARGET_FREEBSD_NR_munlock 204
#define TARGET_FREEBSD_NR_undelete 205
#define TARGET_FREEBSD_NR_futimes 206
#define TARGET_FREEBSD_NR_getpgid 207
#define TARGET_FREEBSD_NR_poll  209
#define TARGET_FREEBSD_NR_freebsd7___semctl 220
#define TARGET_FREEBSD_NR_semget  221
#define TARGET_FREEBSD_NR_semop  222
#define TARGET_FREEBSD_NR_freebsd7___msgctl 224
#define TARGET_FREEBSD_NR_msgget  225
#define TARGET_FREEBSD_NR_msgsnd  226
#define TARGET_FREEBSD_NR_msgrcv  227
#define TARGET_FREEBSD_NR_shmat  228
#define TARGET_FREEBSD_NR_freebsd7_shmctl 229
#define TARGET_FREEBSD_NR_shmdt  230
#define TARGET_FREEBSD_NR_shmget  231
#define TARGET_FREEBSD_NR_clock_gettime 232
#define TARGET_FREEBSD_NR_clock_settime 233
#define TARGET_FREEBSD_NR_clock_getres  234
#define TARGET_FREEBSD_NR_ktimer_create 235
#define TARGET_FREEBSD_NR_ktimer_delete 236
#define TARGET_FREEBSD_NR_ktimer_settime  237
#define TARGET_FREEBSD_NR_ktimer_getoverrun 238
#define TARGET_FREEBSD_NR_nanosleep 240
#define TARGET_FREEBSD_NR_ntp_gettime   248
#define TARGET_FREEBSD_NR_minherit  250
#define TARGET_FREEBSD_NR_rfork  251
#define TARGET_FREEBSD_NR_openbsd_poll  252
#define TARGET_FREEBSD_NR_issetugid 253
#define TARGET_FREEBSD_NR_lchown  254
#define TARGET_FREEBSD_NR_aio_read  255
#define TARGET_FREEBSD_NR_aio_write 256
#define TARGET_FREEBSD_NR_lio_listio    257
#define TARGET_FREEBSD_NR_getdents  258
#define TARGET_FREEBSD_NR_lchmod    274
#define TARGET_FREEBSD_NR_netbsd_lchown 275
#define TARGET_FREEBSD_NR_lutimes  276
#define TARGET_FREEBSD_NR_nfstat  279
#define TARGET_FREEBSD_NR_netbsd_msync  280
#define TARGET_FREEBSD_NR_nstat 278
#define TARGET_FREEBSD_NR_nfstat  279
#define TARGET_FREEBSD_NR_nlstat  280
#define TARGET_FREEBSD_NR_preadv  289
#define TARGET_FREEBSD_NR_pwritev  290
#define TARGET_FREEBSD_NR_freebsd4_fhstatfs 297
#define TARGET_FREEBSD_NR_fhopen    298
#define TARGET_FREEBSD_NR_fhstat  299
#define TARGET_FREEBSD_NR_modnext  300
#define TARGET_FREEBSD_NR_modstat  301
#define TARGET_FREEBSD_NR_modfnext 302
#define TARGET_FREEBSD_NR_modfind  303
#define TARGET_FREEBSD_NR_kldload  304

Open Source Used In ASA-RM 9-17-0  3817
#define TARGET_FREEBSD_NR_kldunload 305
#define TARGET_FREEBSD_NR_kldfind 306
#define TARGET_FREEBSD_NR_kldnext 307
#define TARGET_FREEBSD_NR_kldstat 308
#define TARGET_FREEBSD_NR_kldfirstmod 309
#define TARGET_FREEBSD_NR_getsid 310
#define TARGET_FREEBSD_NR_setresuid 311
#define TARGET_FREEBSD_NR_setresgid 312
/* 313 is obsolete signanosleep */
#define TARGET_FREEBSD_NR_aio_return 314
#define TARGET_FREEBSD_NR_aio_suspend 315
#define TARGET_FREEBSD_NR_aio_cancel 316
#define TARGET_FREEBSD_NR_aio_error 317
#define TARGET_FREEBSD_NR_oaio_read 318
#define TARGET_FREEBSD_NR_oaio_write 319
#define TARGET_FREEBSD_NR_olio_listio 320
#define TARGET_FREEBSD_NR_yield 321
/* 322 is obsolete thr_sleep */
/* 323 is obsolete thr_wakeup */
#define TARGET_FREEBSD_NR_mlockall 324
#define TARGET_FREEBSD_NR_musunlockall 325
#define TARGET_FREEBSD_NR___getcwd 326
#define TARGET_FREEBSD_NR_sched_setparam 327
#define TARGET_FREEBSD_NR_sched_getparam 328
#define TARGET_FREEBSD_NR_sched_setscheduler 329
#define TARGET_FREEBSD_NR_sched_getscheduler 330
#define TARGET_FREEBSD_NR_sched_yield 331
#define TARGET_FREEBSD_NR_sched_get_priority_max 332
#define TARGET_FREEBSD_NR_sched_get_priority_min 333
#define TARGET_FREEBSD_NR_sched_rr_get_interval 334
#define TARGET_FREEBSD_NR_utrace 335
#define TARGET_FREEBSD_NR_freebsd4_sendfile 336
#define TARGET_FREEBSD_NR_kldsym 337
#define TARGET_FREEBSD_NR_jail 338
#define TARGET_FREEBSD_NR_nnpfs_syscall 339
#define TARGET_FREEBSD_NR_sigprocmask 340
#define TARGET_FREEBSD_NR_sigsuspend 341
#define TARGET_FREEBSD_NR_freebsd4_sigaction 342
#define TARGET_FREEBSD_NR_sigpending 343
#define TARGET_FREEBSD_NR_freebsd4_sigreturn 344
#define TARGET_FREEBSD_NR_sigtimedwait 345
#define TARGET_FREEBSD_NR_sigwaitinfo 346
#define TARGET_FREEBSD_NR___acl_get_file 347
#define TARGET_FREEBSD_NR___acl_set_file 348
#define TARGET_FREEBSD_NR___acl_get_fd 349
#define TARGET_FREEBSD_NR___acl_set_fd 350
#define TARGET_FREEBSD_NR___acl_delete_file 351
#define TARGET_FREEBSD_NR___acl_delete_fd 352
#define TARGET_FREEBSD_NR___mac_execve 415
#define TARGET_FREEBSD_NR_sigaction 416
#define TARGET_FREEBSD_NR_sigreturn 417
#define TARGET_FREEBSD_NR_getcontext 421
#define TARGET_FREEBSD_NR_setcontext 422
#define TARGET_FREEBSD_NR_swapcontext 423
#define TARGET_FREEBSD_NR_swapoff 424
#define TARGET_FREEBSD_NR___acl_get_link 425
#define TARGET_FREEBSD_NR___acl_set_link 426
#define TARGET_FREEBSD_NR___acl_delete_link 427
#define TARGET_FREEBSD_NR___acl_aclcheck_link 428
#define TARGET_FREEBSD_NR_sigwait 429
#define TARGET_FREEBSD_NR_thr_create 430
#define TARGET_FREEBSD_NR_thr_exit 431
#define TARGET_FREEBSD_NR_thr_self 432
#define TARGET_FREEBSD_NR_thr_kill 433
#define TARGET_FREEBSD_NR__umtx_lock 434
#define TARGET_FREEBSD_NR__umtx_unlock 435
#define TARGET_FREEBSD_NR_jail_attach 436
#define TARGET_FREEBSD_NR_extattr_list_fd 437
#define TARGET_FREEBSD_NR_extattr_list_file 438
#define TARGET_FREEBSD_NR_ksem_timedwait 441
#define TARGET_FREEBSD_NR_thr_suspend 442
#define TARGET_FREEBSD_NR_thr_wake 443
#define TARGET_FREEBSD_NR_kldunloadf 444
#define TARGET_FREEBSD_NR/*********************************************************************************/
#define TARGET_FREEBSD_NR�试执行函数 445
#define TARGET_FREEBSD_NR_audition 446
#define TARGET_FREEBSD_NR_getauid 447
#define TARGET_FREEBSD_NR_setauid 448
#define TARGET_FREEBSD_NR_getaudit 449
#define TARGET_FREEBSD_NR_setaudit 450
#define TARGET_FREEBSD_NR_getaudit_addr 451
#define TARGET_FREEBSD_NR_setaudit_addr 452
#define TARGET_FREEBSD_NR_auditctl 453
#define TARGET_FREEBSD_NR__umtx_op 454
#define TARGET_FREEBSD_NR_thr_new 455
#define TARGET_FREEBSD_NR__testqueue 456
#define TARGET_FREEBSD_NR_kmq_open 457
#define TARGET_FREEBSD_NR_kmq_setattr 458
#define TARGET_FREEBSD_NR_kmq_timedreceive 459
#define TARGET_FREEBSD_NR_kmq_timedsend 460
#define TARGET_FREEBSD_NR_kmq_notify 461
#define TARGET_FREEBSD_NR_kmq_unlink 462
#define TARGET_FREEBSD_NR_abort2 463
#define TARGET_FREEBSD_NR_thr_set_name 464
#define TARGET_FREEBSD_NR_aio_fsm 465
#define TARGET_FREEBSD_NR_rtprio_thread 466

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#define TARGET_FREEBSD_NR_sctp_peeloff 471
#define TARGET_FREEBSD_NR_sctp_generic_sendmsg 472
#define TARGET_FREEBSD_NR_sctp_generic_sendmsg_iov 473
#define TARGET_FREEBSD_NR_sctp_generic_recvmsg 474
#define TARGET_FREEBSD_NR_pread 475
#define TARGET_FREEBSD_NR_pwrite 476
#define TARGET_FREEBSD_NR_mmap 477
#define TARGET_FREEBSD_NR_lseek 478
#define TARGET_FREEBSD_NR_truncate 479
#define TARGET_FREEBSD_NR_ftruncate 480
#define TARGET_FREEBSD_NR_thr_kill2 481
#define TARGET_FREEBSD_NR_shm_open 482
#define TARGET_FREEBSD_NR_shm_unlink 483
#define TARGET_FREEBSD_NR_cpuset 484
#define TARGET_FREEBSD_NR_cpuset_setid 485
#define TARGET_FREEBSD_NR_cpuset_getid 486
#define TARGET_FREEBSD_NR_cpuset_getaffinity 487
#define TARGET_FREEBSD_NR_cpuset_setaffinity 488
#define TARGET_FREEBSD_NR_facessat 489
#define TARGET_FREEBSD_NR_fchmodat 490
#define TARGET_FREEBSD_NR_fchownat 491
#define TARGET_FREEBSD_NR_fexecve 492
#define TARGET_FREEBSD_NR_fstatat 493
#define TARGET_FREEBSD_NR_futimesat 494
#define TARGET_FREEBSD_NR_linkat 495
#define TARGET_FREEBSD_NR_mkdirat 496
#define TARGET_FREEBSD_NR_mkfifoat 497
#define TARGET_FREEBSD_NR_mknodat 498
#define TARGET_FREEBSD_NR_openat 499
#define TARGET_FREEBSD_NR_readlinkat 500
#define TARGET_FREEBSD_NR_renameat 501
#define TARGET_FREEBSD_NR_symlinkat 502
#define TARGET_FREEBSD_NR_unlinkat 503
#define TARGET_FREEBSD_NR_posix_openpt 504
#define TARGET_FREEBSD_NR_gssd_syscall 505
#define TARGET_FREEBSD_NR_jail_get 506
#define TARGET_FREEBSD_NR_jail_set 507
#define TARGET_FREEBSD_NR_jail_remove 508
#define TARGET_FREEBSD_NR_closefrom 509
#define TARGET_FREEBSD_NR___semctl 510
#define TARGET_FREEBSD_NR_msgctl 511
#define TARGET_FREEBSD_NR_shmctl 512
#define TARGET_FREEBSD_NR_lpathconf 513
#define TARGET_FREEBSD_NR_cap_new 514
#define TARGET_FREEBSD_NR_cap_getrights 515
#define TARGET_FREEBSD_NR_cap_enter 516
#define TARGET_FREEBSD_NR_cap_getmode 517
#define TARGET_FREEBSD_NR_pdfork 518
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David Gibson <david@gibson.dropbear.id.au>
(principal original author of dtc and libfdt)
2 November 2007
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Preamble

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Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

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

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

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

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.
Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must
be combined with the library in order to run.

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

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

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

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

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

      (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under
3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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

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

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

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

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

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

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

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

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

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

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

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

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

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

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

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

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

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

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

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

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

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

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

That's all there is to it!
All the files in this directory and subdirectories are released under
a BSD like license (see header in each file). No other license is
accepted.

GPL License Exception:

Even though U-Boot in general is covered by the GPL-2.0/GPL-2.0+,
this does *not* cover the so-called "standalone" applications that
use U-Boot services by means of the jump table provided by U-Boot
exactly for this purpose - this is merely considered normal use of
U-Boot, and does *not* fall under the heading of "derived work".

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
Index: debug.c
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/debug.c,v
retrieving revision 1.1
retrieving revision 1.3
diff -u -u -r1.1 -r1.3
--- debug.c	7 Sep 2007 10:01:21 -0000	1.1
+++ debug.c	15 Jan 2008 13:49:25 -0000	1.3
@@ -52,7 +52,11 @@
void X86EMU_trace_regs (void)
{
  if (DEBUG_TRACE()) {
-    x86emu_dump_regs();
+    if ((M.x86.mode & (SYSMODE_PREFIX_DATA | SYSMODE_PREFIX_ADDR)) {
+      x86emu_dump_xregs();
+    } else {
+      x86emu_dump_regs();
+    }
  }
  if (DEBUG_DECODE() && ! DEBUG_DECODE_NOPRINT()) {


- printk("%-20s",buf1);
+ printk("%-20s ",buf1);
}
static void print_decoded_instruction (void)
Index: ops2.c
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/ops2.c,v
retrieving revision 1.1
retrieving revision 1.3
diff -u -u -r1.1 -r1.3
--- ops2.c7 Sep 2007 10:01:21 -00001.1
+++ ops2.c20 Mar 2008 15:48:34 -00001.3
@@ -149,8 +149,69 @@
target += (s16) M.x86.R_IP;
DECODE_PRINTF2("%04x\n", target);
TRACE_AND_STEP();
- if (cond)
+ if (cond) {
M.x86.R_IP = (u16)target;
+JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, " LONG COND ");
+ }
+ DECODE_CLEAR_SEGOVR();
+ END_OF_INSTR();
+}
+
+/****************************************************************************
+REMARKS:
+Handles opcode 0x0f,0xC8-0xCF
+****************************************************************************/
+s32 x86emu_bswap(s32 reg)
+{
+ // perform the byte swap
+ s32 temp = reg;
+ reg = (temp & 0xFF000000) >> 24;
+ reg |= (temp & 0xFF0000) >> 8;
+ reg |= (temp & 0xFF00) << 8;
+ reg |= (temp & 0xFF) << 24;
+ return reg;
+}
+
+void x86emuOp2_bswap(u8 op2)
+{
+ /* byte swap 32 bit register */
+ START_OF_INSTR();
+ DECODE_PRINTF("BSWAP\t");
+ switch (op2) {
+
case 0xc8:

Open Source Used In ASA-RM 9-17-0 3836


+ DECODE_PRINTF("EAX\n");  
+ M.x86.R_EAX = x86emu_bswap(M.x86.R_EAX);  
+ break;  
+ case 0xc9:  
+ DECODE_PRINTF("ECX\n");  
+ M.x86.R_ECX = x86emu_bswap(M.x86.R_ECX);  
+ break;  
+ case 0xca:  
+ DECODE_PRINTF("EDX\n");  
+ M.x86.R_EDX = x86emu_bswap(M.x86.R_EDX);  
+ break;  
+ case 0xcb:  
+ DECODE_PRINTF("EBX\n");  
+ M.x86.R_EBX = x86emu_bswap(M.x86.R_EBX);  
+ break;  
+ case 0xcc:  
+ DECODE_PRINTF("ESP\n");  
+ M.x86.R_ESP = x86emu_bswap(M.x86.R_ESP);  
+ break;  
+ case 0xcd:  
+ DECODE_PRINTF("EBP\n");  
+ M.x86.R_EBP = x86emu_bswap(M.x86.R_EBP);  
+ break;  
+ case 0xce:  
+ DECODE_PRINTF("ESI\n");  
+ M.x86.R_ESI = x86emu_bswap(M.x86.R_ESI);  
+ break;  
+ case 0xcf:  
+ DECODE_PRINTF("EDI\n");  
+ M.x86.R EDI = x86emu_bswap(M.x86.R EDI);  
+ break;  
+ }  
+ TRACE_AND_STEP();  
+ DECODE_CLEAR_SEGOVR();  
+ END_OF_INSTR();

/* 0xc5 */ x86emuOp2_illegal_op, /* 0xc6 */ x86emuOp2_illegal_op, /* 0xc7 */ x86emuOp2_illegal_op, /* 0xc8 */ x86emuOp2_illegal_op, /* 0xc9 */ x86emuOp2_illegal_op, /* 0xca */ x86emuOp2_illegal_op, /* 0xcb */ x86emuOp2_illegal_op, /* 0xcc */ x86emuOp2_illegal_op, /* 0xcd */ x86emuOp2_illegal_op, /* 0xce */ x86emuOp2_illegal_op, /* 0xcf */ x86emuOp2_illegal_op,
/* 0xc8 */ x86emuOp2_bswap,
/* 0xc9 */ x86emuOp2_bswap,
/* 0xca */ x86emuOp2_bswap,
/* 0xcb */ x86emuOp2_bswap,
/* 0xcc */ x86emuOp2_bswap,
/* 0xcd */ x86emuOp2_bswap,
/* 0xce */ x86emuOp2_bswap,
/* 0xcf */ x86emuOp2_bswap,

/* 0xd0 */ x86emuOp2_illegal_op,
/* 0xd1 */ x86emuOp2_illegal_op,

Index: ops.c
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/ops.c,v
retrieving revision 1.1
diff -u -u -r1.1 ops.c
--- ops.c 7 Sep 2007 10:01:21 -0000 1.1
+++ ops.c 20 Mar 2008 16:52:00 -0000
@@ -1061,7 +1061,11 @@
      imm = (s8)fetch_byte_imm();
      DECODE_PRINTF2("PUSH\t%d\n", imm);
      TRACE_AND_STEP();
-    push_word(imm);
+    if (M.x86.mode & SYSMODE_PREFIX_DATA) {
+        push_long(imm);
+    } else {
+        push_word(imm);
+    }
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
}
@@ -1256,8 +1260,10 @@
      target = (u16)(M.x86.R_IP + (s16)offset);
      DECODE_PRINTF2("%x\n", target);
      TRACE_AND_STEP();
-    if (cond)
+    if (cond) {
      M.x86.R_IP = target;
      \tJMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, " NEAR COND ");
+    }
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
}
@@ -2516,9 +2522,11 @@
      count = 1;
      if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
-      /* move them until CX is ZERO. */
+  /* move them until CX is ZERO. */
        " NEAR COND ");
       ...
count = M.x86.R_CX;
/* move them until (E)CX is ZERO. */
count = (M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX;
M.x86.R_CX = 0;
if (M.x86.mode & SYSMODE_32BIT_REP)
    M.x86.R_ECX = 0;
M.x86.mode &= ~-(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
}
while (count--) {
    store_data_byte_abs(M.x86.R_ES, M.x86.R_DI, val);
    M.x86.R_SI += inc;
    M.x86.R_DI += inc;
    if (M.x86.intr & INTR_HALTED)
        break;
}
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();

if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
    /* dont care whether REPE or REPNE */
    /* move them until CX is ZERO. */
    count = M.x86.R_CX;
    /* move them until (E)CX is ZERO. */
    count = (M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX;
    M.x86.R_CX = 0;
    if (M.x86.mode & SYSMODE_32BIT_REP)
        M.x86.R_ECX = 0;
    M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
}
while (count--) {
    M.x86.R_SI += inc;
    M.x86.R_DI += inc;
    if (M.x86.intr & INTR_HALTED)
        break;
}
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();

if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
    /* REPE */
    /* move them until CX is ZERO. */
    while (M.x86.R_CX != 0) {
        /* move them until (E)CX is ZERO. */
    }
+ while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
    val1 = fetch_data_byte(M.x86.R_SI);
    val2 = fetch_data_byte_abs(M.x86.R_ES, M.x86.R_DI);
    cmp_byte(val1, val2);
    M.x86.R_CX -= 1;
    + if (M.x86.mode & SYSMODE_32BIT_REP)
    +     M.x86.R_ECX -= 1;
    + else
    +     M.x86.R_CX -= 1;
    M.x86.R_SI += inc;
    M.x86.R_DI += inc;
    if ( (M.x86.mode & SYSMODE_PREFIX_REPE) && (ACCESS_FLAG(F_ZF) == 0) ) break;
    if ( (M.x86.mode & SYSMODE_PREFIX_REPNE) && ACCESS_FLAG(F_ZF) ) break;
    + if (M.x86.intr & INTR_HALTED)
    +     break;
}
M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} else {
@@ -2644,8 +2663,8 @@
    TRACE_AND_STEP();
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* REPE */
-        /* move them until CX is ZERO. */
-        while (M.x86.R_CX != 0) {
+        /* move them until (E)CX is ZERO. */
+        while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
            if (M.x86.mode & SYSMODE_PREFIX_DATA) {
                val1 = fetch_data_long(M.x86.R_SI);
                val2 = fetch_data_long_abs(M.x86.R_ES, M.x86.R_DI);
            }
            val2 = fetch_data_word_abs(M.x86.R_ES, M.x86.R_DI);
            cmp_word((u16)val1, (u16)val2);
        }
-        M.x86.R_CX -= 1;
+        if (M.x86.mode & SYSMODE_32BIT_REP)
+            M.x86.R_ECX -= 1;
+        else
+            M.x86.R_CX -= 1;
        M.x86.R_SI += inc;
        M.x86.R_DI += inc;
        if ( (M.x86.mode & SYSMODE_PREFIX_REPE) && (ACCESS_FLAG(F_ZF) == 0) ) break;
        if ( (M.x86.mode & SYSMODE_PREFIX_REPNE) && ACCESS_FLAG(F_ZF) ) break;
        + if (M.x86.intr & INTR_HALTED)
        +     break;
    }
    M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} else {
@@ -2741,11 +2765,16 @@

TRACE_AND_STEP();
if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
    /* dont care whether REPE or REPNE */
    /* move them until (E)CX is ZERO. */
    while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
        /* move them until CX is ZERO. */
        if (M.x86.intr & INTR_HALTED)
            break;
        M.x86.R_CX -= 1;
        if (M.x86.mode & SYSMODE_32BIT_REP)
            M.x86.R_ECX -= 1;
        else
            M.x86.R_CX -= 1;
        M.x86.R_DI += inc;
    }
    M.x86.R_CX = 0;
    M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} else {
    count = 1;
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
        /* move them until CX is ZERO. */
        count = M.x86.R_CX;
        /* move them until (E)CX is ZERO. */
        count = (M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX;
        M.x86.R_CX = 0;
        + if (M.x86.mode & SYSMODE_32BIT_REP)
            M.x86.R_ECX = 0;
        M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
    } 
    while (count--) {
        store_data_word_abs(M.x86.R_ES, M.x86.R_DI, M.x86.R_AX);
    }
    M.x86.R_DI += inc;
    + if (M.x86.intr & INTR_HALTED)
        break;
    }
    M.x86.R_DI += inc;
} 
}
while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
    M[x86].R_AL = fetch_data_byte(M[x86].R_SI);
    M[x86].R_CX -= 1;
    if (M[x86].mode & SYSMODE_32BIT_REP)
        M[x86].R_ECX -= 1;
    else
        M[x86].R_CX -= 1;
    M[x86].R_SI += inc;
    if (M[x86].intr & INTR_HALTED)
        break;
}
M[x86].mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} else {
    count = 1;
    if (M[x86].mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
        /!* move them until CX is ZERO. */!
        while (M[x86].R_CX != 0) {
            M[x86].R_CX -= 1;
            if (M[x86].intr & INTR_HALTED)
                break;
        }
    }
    INC = 1;
    if (M[x86].mode & SYSMODE_PREFIX_REPE) {
        /!* REPE */!
        while (M[x86].R_CX != 0) {
            val2 = fetch_data_byte(M[x86].R_ES, M[x86].R_DI);
            cmp_byte(M[x86].R_AL, val2);
            M[x86].R_CX -= 1;
        }
if (M.x86.mode & SYSMODE_32BIT_REP)
    M.x86.R_ECX -= 1;
else
    M.x86.R_CX -= 1;
M.x86.R_DI += inc;
if (ACCESS_FLAG(F_ZF) == 0)
    break;
else if (M.x86.intr & INTR_HALTED)
    break;
}
M.x86.mode &= ~SYSMODE_PREFIX_REPE;
} else if (M.x86.mode & SYSMODE_PREFIX_REPNE) {
    /* REPNE */
    /* move them until CX is ZERO. */
    while (M.x86.R_CX != 0) {
        /* move them until (E)CX is ZERO. */
        while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
            val2 = fetch_data_byte_abs(M.x86.R_ES, M.x86.R_DI);
            cmp_byte(M.x86.R_AL, val2);
            M.x86.R_CX -= 1;
        }
    }
    M.x86.R_CX -= 1;
} else {
    TRACE_AND_STEP();
    if (M.x86.mode & SYSMODE_PREFIX_REPE) {
        /* REPE */
        /* move them until CX is ZERO. */
        while (M.x86.R_CX != 0) {
            /* move them until (E)CX is ZERO. */
            while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
                val = fetch_data_long_abs(M.x86.R_ES, M.x86.R_DI);
                cmp_long(M.x86.R_EAX, val);
            }
            M.x86.R_CX -= 1;
        }
    } else {
    }
if (M.x86.mode & SYSMODE_32BIT_REP)
    M.x86.R_ECX -= 1;
else
    M.x86.R_CX -= 1;
M.x86.R_DI += inc;
if (ACCESS_FLAG(F_ZF) == 0)
    break;
if (M.x86.intr & INTR_HALTED)
    break;
}
M.x86.mode &= ~SYSMODE_PREFIX_REPE;
} else if (M.x86.mode & SYSMODE_PREFIX_REPNE) {
    /* REPNE */
    /* move them until CX is ZERO. */
    while (M.x86.R_CX != 0) {
        /* move them until (E)CX is ZERO. */
        while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
            if (M.x86.mode & SYSMODE_PREFIX_DATA) {
                val = fetch_data_long_abs(M.x86.R_ES, M.x86.R_DI);
                cmp_long(M.x86.R_EAX, val);
                M.x86.R_CX -= 1;
            } else
                M.x86.R_CX -= 1;
            M.x86.R_DI += inc;
            if (ACCESS_FLAG(F_ZF))
                break; /* zero flag set means equal */
        } else if (M.x86.intr & INTR_HALTED)
        break;
    }
    M.x86.mode &= ~SYSMODE_PREFIX_REPE;
} else {
    DECODE_PRINTF("RET\t");
    imm = fetch_word_imm();
    DECODE_PRINTF2("%x\n", imm);
    RETURN_TRACE("RET", M.x86.saved_cs, M.x86.saved_ip);
    TRACE_AND_STEP();
    M.x86.R_IP = pop_word();
    RETURN_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "NEAR");
    M.x86.R_SP += imm;
    DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
START_OF_INSTR();
DECODE_PRINTF("RET\n");
-RETURN_TRACE("RET", M.x86.saved_cs, M.x86.saved_ip);
TRACE_AND_STEP();
M.x86.R_IP = pop_word();
+RETURN_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "NEAR");
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
}

@@ -3471,10 +3533,10 @@
DECODE_PRINTF("RETF\t");
imm = fetch_word_imm();
DECODE_PRINTF2("%x\n", imm);
-RETURN_TRACE("RETF", M.x86.saved_cs, M.x86.saved_ip);
TRACE_AND_STEP();
M.x86.R_IP = pop_word();
M.x86.R_CS = pop_word();
+RETURN_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "FAR");
M.x86.R_SP += imm;
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
@@ -3488,10 +3550,10 @@
{
START_OF_INSTR();
DECODE_PRINTF("RETF\n");
-RETURN_TRACE("RETF", M.x86.saved_cs, M.x86.saved_ip);
TRACE_AND_STEP();
M.x86.R_IP = pop_word();
M.x86.R_CS = pop_word();
+RETURN_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "FAR");
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
}

ip += (s16) M.x86.R_IP;
DECODE_PRINTF2("%04x\n", ip);
TRACE_AND_STEP();
- M.x86.R_CX -= 1;
- if (M.x86.R_CX != 0 && !ACCESS_FLAG(F_ZF)) /* CX != 0 and !ZF */
+ if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+ M.x86.R_ECX -= 1;
+ else
+ M.x86.R_CX -= 1;
+ if (((M.x86.mode & SYSMODE_PREFIX_ADDR) ? M.x86.R_ECX : M.x86.R_CX) != 0 &&
!ACCESS_FLAG(F_ZF)) /* (E)CX != 0 and !ZF */
M.x86.R_IP = ip;
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
@@ -4041,8 +4106,11 @@
ip += (s16) M.x86.R_IP;
    DECODE_PRINTF2("%04x\n", ip);
    TRACE_AND_STEP();
    - M.x86.R_CX -= 1;
    - if (M.x86.R_CX != 0 && ACCESS_FLAG(F_ZF))   /* CX != 0 and ZF */
      + if (M.x86.mode & SYSMODE_PREFIX_ADDR)
      +    M.x86.R_ECX -= 1;
      + else
      +    M.x86.R_CX -= 1;
      + if (((M.x86.mode & SYSMODE_PREFIX_ADDR) ? M.x86.R_ECX : M.x86.R_CX) != 0 &&
ACCCESS_FLAG(F_ZF))   /* (E)CX != 0 and ZF */
        M.x86.R_IP = ip;
        DECODE_CLEAR_SEGOVR();
        END_OF_INSTR();
@@ -4062,8 +4130,11 @@
ip += (s16) M.x86.R_IP;
    DECODE_PRINTF2("%04x\n", ip);
    TRACE_AND_STEP();
    - M.x86.R_CX -= 1;
    - if (M.x86.R_CX != 0)
        + if (M.x86.mode & SYSMODE_PREFIX_ADDR)
        +    M.x86.R_ECX -= 1;
        + else
        +    M.x86.R_CX -= 1;
        + if (((M.x86.mode & SYSMODE_PREFIX_ADDR) ? M.x86.R_ECX : M.x86.R_CX) != 0)   /* (E)CX != 0 */
            M.x86.R_IP = ip;
            DECODE_CLEAR_SEGOVR();
            END_OF_INSTR();
@@ -4085,8 +4156,10 @@
target = (u16)(M.x86.R_IP + offset);
    DECODE_PRINTF2("%x\n", target);
    TRACE_AND_STEP();
    - if (M.x86.R_CX == 0)
      + if (M.x86.R_CX == 0) {
        M.x86.R_IP = target;
+        JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, " CXZ ");
      + }
      + DECODE_CLEAR_SEGOVR();
      + END_OF_INSTR();
    }
@@ -4213,6 +4286,7 @@
ip = (s16)fetch_word_imm();
ip += (s16)M.x86.R_IP;
    DECODE_PRINTF2("%04x\n", ip);
    + JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, ip, " NEAR ");
TRACE_AND_STEP();
M.x86.R_IP = (u16)ip;
DECODE_CLEAR_SEGOVR();
@@ -4233,6 +4307,7 @@
    cs = fetch_word_imm();
    DECODE_PRINTF2("%04x:", cs);
    DECODE_PRINTF2("%04x\n", ip);
+    JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, cs, ip, " FAR ");
TRACE_AND_STEP();
M.x86.R_IP = ip;
M.x86.R_CS = cs;
@@ -4254,6 +4329,7 @@
    offset = (s8)fetch_byte_imm();
    target = (u16)(M.x86.R_IP + offset);
    DECODE_PRINTF2("%x\n", target);
+    JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, target, " BYTE ");
TRACE_AND_STEP();
M.x86.R_IP = target;
DECODE_CLEAR_SEGOVR();
@@ -4357,6 +4433,8 @@
    DECODE_PRINTF("REPNE\n");
    TRACE_AND_STEP();
    M.x86.mode |= SYSMODE_PREFIX_REPNE;
+    if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+        M.x86.mode |= SYSMODE_32BIT_REP;
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
}
@@ -4371,6 +4449,8 @@
    DECODE_PRINTF("REPE\n");
    TRACE_AND_STEP();
    M.x86.mode |= SYSMODE_PREFIX_REPE;
+    if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+        M.x86.mode |= SYSMODE_32BIT_REP;
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
}
@@ -5013,12 +5093,14 @@
    break;
case 4: /* jmp word ptr ... */
    destval = fetch_data_word(destoffset);
+    JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, destval, " WORD ");
    TRACE_AND_STEP();
    M.x86.R_IP = destval;
    break;
case 5: /* jmp far ptr ... */
    destval = fetch_data_word(destoffset);
destval2 = fetch_data_word(destoffset + 2);
void imul_long_direct(u32 *res_lo, u32* res_hi, u32 d, u32 s)
{
    #ifdef __HAS_LONG_LONG__
    -    s64 res = (s64)d * (s64)s;
    +    s64 res = (s32)(s32)d * (s64)(s32)s;
    ...
    *res_lo = (u32)res;
    ...

    #ifdef __HAS_LONG_LONG__
    -    u64 res = (u32)M.x86.R_EAX * (u32)s;
    +    u64 res = (u64)M.x86.R_EAX * s;
    ...
    M.x86.R_EAX = (u32)res;
    M.x86.R_EDX = (u32)(res >> 32);
    ...
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
        -        /* in until CX is ZERO. */
        -        u32 count = ((M.x86.mode & SYSMODE_PREFIX_DATA) ?
        +        /* in until (E)CX is ZERO. */
        +        u32 count = ((M.x86.mode & SYSMODE_32BIT_REP) ?
        M.x86.R_ECX : M.x86.R_CX);
        -
        while (count--) {
            single_in(size);
            M.x86.R_DI += inc;
        }
    M.x86.R_CX = 0;
    -    if (M.x86.mode & SYSMODE_PREFIX_DATA) {
    +    if (M.x86.mode & SYSMODE_32BIT_REP) {
        M.x86.R_ECX = 0;
    }
M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
@@ -2355,15 +2354,15 @@
 if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
     /* dont care whether REPE or REPNE */
     /* out until (E)CX is ZERO. */
-        u32 count = ((M.x86.mode & SYSMODE_PREFIX_DATA) ?
+        u32 count = ((M.x86.mode & SYSMODE_32BIT_REP) ?
            M.x86.R_ECX : M.x86.R_CX);
     while (count--) {
         single_out(size);
         M.x86.R_SI += inc;
     }
     M.x86.R_CX = 0;
-        if (M.x86.mode & SYSMODE_PREFIX_DATA) {
+        if (M.x86.mode & SYSMODE_32BIT_REP) {
            M.x86.R_ECX = 0;
        }
    }
    M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);

Index: sys.c
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/sys.c,v
retrieving revision 1.1
retrieving revision 1.2
diff -u -u -r1.1 -r1.2
--- sys.c 7 Sep 2007 10:01:21 -0000 1.1
+++ sys.c 7 Sep 2007 10:03:13 -0000 1.2
@@ -45,11 +45,6 @@
 #include <x86emu/regs.h>
 #include "debug.h"
 #include "prim_ops.h"
-#ifdef LINUXBIOS_VERSION
-#include "io.h"
-#else
-#include <sys/io.h>
-#endif

+#ifdef IN_MODULE
+  #include "xf86_ansic.h"
 @ @ -220,7 +215,7 @ @
  }
 DB(if (DEBUG_IO_TRACE()))
 printk("inb %#04x \n", addr);
-    return inb(addr);
+    return 0;
  }
@@ -235,7 +230,7 @@
{  
  DB(if (DEBUG_IO_TRACE()))  
  printk("inw %#04x \n", addr);  
-    return inw(addr);  
+    return 0;  
  }

@@ -250,7 +245,7 @@
{  
  DB(if (DEBUG_IO_TRACE()))  
  printk("inl %#04x \n", addr);  
-    return inl(addr);  
+    return 0;  
  }

@@ -264,7 +259,6 @@
{  
  DB(if (DEBUG_IO_TRACE()))  
  printk("outb %#02x -> %#04x \n", val, addr);  
-    outb(val, addr);  
    return;  
  }

@@ -279,7 +273,6 @@
{  
  DB(if (DEBUG_IO_TRACE()))  
  printk("outw %#04x -> %#04x \n", val, addr);  
-    outw(val, addr);  
    return;  
  }

@@ -295,7 +288,6 @@
DB(if (DEBUG_IO_TRACE()))  
    printk("outl %#08x -> %#04x \n", val, addr);  
-    outl(val, addr);  
    return;  
  }

@@ -405,6 +397,6 @@
void X86EMU_setMemBase(void *base, size_t size)  
{  

M.mem_base = (int) base;
+M.mem_base = (unsigned long) base;
M.mem_size = size;
}

Index: include/x86emu/debug.h

===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/include/x86emu/debug.h,v
retrieving revision 1.1
retrieving revision 1.4
diff -u -u -r1.1 -r1.4
--- include/x86emu/debug.h 7 Sep 2007 10:01:21 -0000 1.1
+++ include/x86emu/debug.h 20 Mar 2008 15:25:27 -0000 1.4
@@ -40,8 +40,6 @@
#ifndef __X86EMU_DEBUG_H
#define __X86EMU_DEBUG_H
/*---------------------- Macros and type definitions ----------------------*/
/* checks to be enabled for "runtime" */
@ @ -78,6 +76,8 @@
# define DEBUG_SYSINT() (M.x86.debug & DEBUG_SYSINT_F)
# define DEBUG_TRACECALL() (M.x86.debug & DEBUG_TRACECALL_F)
# define DEBUG_TRACECALLREGS() (M.x86.debug & DEBUG_TRACECALL_REGS_F)
+## define DEBUG_TRACEJMP() (M.x86.debug & DEBUG_TRACEJMP_F)
+## define DEBUG_TRACEJMPREGS() (M.x86.debug & DEBUG_TRACEJMP_REGS_F)
# define DEBUG_SYS() (M.x86.debug & DEBUG_SYS_F)
# define DEBUG_MEM_TRACE() (M.x86.debug & DEBUG_MEM_TRACE_F)
# define DEBUG_IO_TRACE() (M.x86.debug & DEBUG_IO_TRACE_F)
@@ -96,6 +96,8 @@
# define DEBUG_SYSINT() 0
# define DEBUG_TRACECALL() 0
# define DEBUG_TRACECALLREGS() 0
+## define DEBUG_TRACEJMP() 0
+## define DEBUG_TRACEJMPREGS() 0
# define DEBUG_SYS() 0
# define DEBUG_MEM_TRACE() 0
# define DEBUG_IO_TRACE() 0
@ @ -169,14 +171,20 @@
x86emu_dump_regs();
\ if (DEBUG_TRACECALL())
 \ printk("%04x:%04x: CALL %s%04x:%04x\n", u , v, s, w, x);
-## define RETURN_TRACE(n,u,v)
+## define RETURN_TRACE(u,v,w,x,s)
 if (DEBUG_TRACECALLREGS())
 x86emu_dump_regs();
 \ if (DEBUG_TRACECALL())
 \
- printk("%04x:%04x: %s\n", u, v, n);
+ printk("%04x:%04x: RET %s %04x:%04x\n", u, v, s, w, x);
+# define JMP_TRACE(u, v, w, x, s) \n+ if (DEBUG_TRACEJMPREGS()) \n+ x86emu_dump_regs(); \n+ if (DEBUG_TRACEJMP()) \n+ printk("%04x:%04x: JMP %s %04x:%04x\n", u, v, s, w, x);

# define CALL_TRACE(u, v, w, x, s)
-# define RETURN_TRACE(n, u, v)
+# define RETURN_TRACE(u, v, w, x, s)
+# define JMP_TRACE(u, v, w, x, s)
#endif

#ifdef DEBUG

Index: include/x86emu/regs.h
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/include/x86emu/regs.h,v
retrieving revision 1.1
retrieving revision 1.4
diff -u -u -r1.1 -r1.4
--- include/x86emu/regs.h Sep 7 2007 10:01:21 -0000 1.1
+++ include/x86emu/regs.h Jan 15 2008 13:46:40 -0000 1.4
@@ -231,6 +231,9 @@
#define SYSMODE_PREFIX_REPNE 0x00000100
#define SYSMODE_PREFIX_DATA 0x00000200
#define SYSMODE_PREFIX_ADDR 0x00000400
+//phueper: for REP(E|NE) Instructions, we need to decide whether it should be using
+//the 32bit ECX register as or the 16bit CX register as count register
+#define SYSMODE_32BIT_REP 0x00000800
#define SYSMODE_INTR_PENDING 0x10000000
#define SYSMODE_EXTRN_INTR 0x20000000
#define SYSMODE_HALTED 0x40000000
@@ -250,7 +253,8 @@
 SYSMODE_SEGOVR_GS | \
 SYSMODE_SEGOVR_SS | \
 SYSMODE_PREFIX_DATA | \
- SYSMODE_PREFIX_ADDR)
+ SYSMODE_PREFIX_ADDR | 
+ SYSMODE_32BIT_REP)

#define INTR_SYNCH 0x1
#define INTR_ASYNCH 0x2
@@ -274,9 +278,9 @@*/
 u32 mode;
 volatile int intr; /* mask of pending interrupts */
-int debug;
volatile int debug;
#ifdef DEBUG
-int check;
+ int check;
u16 saved_ip;
u16 saved_cs;
int enc_pos;
#endif

Index: include/x86emu/x86emu.h
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/include/x86emu/x86emu.h,v
retrieving revision 1.1
retrieving revision 1.3
diff -u -u -r1.1 -r1.3
--- include/x86emu/x86emu.h7 Sep 2007 10:01:21 -0000 1.1
+++ include/x86emu/x86emu.h19 Oct 2007 08:42:15 -0000 1.3
@@ -47,6 +47,7 @@
#include <console.h>
#define printk(x...) printk(BIOS_DEBUG, x)
#else
+#include <stdio.h>
#define printk printf
#endif
@@ -189,6 +181,8 @@
#define DEBUG_TRACEJMP_REGS_F 0x040000
#define DEBUG_SYS_F (DEBUG_SVC_F|DEBUG_FS_F|DEBUG_PROC_F)
void X86EMU_trace_regs(void);
@@ -200,5 +194,4 @@
#ifdef __cplusplus
}                       /* End of "C" linkage for C++ */
#endif
-#
#endif /* X86EMU_X86EMU_H */
#*****************************************************************************
# * Copyright (c) 2004, 2008 IBM Corporation
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# * which accompanies this distribution, and is available at
# * http://www.opensource.org/licenses/bsd-license.php
# *
# * Contributors:
# * IBM Corporation - initial implementation
#!/bin/bash

SVN=`which svn`
PATCH=`which patch`
DIFF_FILE=./x86emu_changes.diff

# check whether svn, patch, ... is available...
if [ ! -x $SVN ]; then
    echo "subversion executable not found!"
    exit -1
fi
if [ ! -x $PATCH ]; then
    echo "patch executable not found!"
    exit -1
fi
if [ ! -r $DIFF_FILE ]; then
    echo "diff file $DIFF_FILE not found!"
    exit -1
fi

# download the x86emu sources from LinuxBIOS subversion
# revision known to work...
REV=496

echo "Checking out x86emu from coreboot-v3 repository revision $REV"
$SVN co svn://coreboot.org/repository/coreboot-v3/util/x86emu -r $REV

echo "Copying files..."

mkdir -p include/x86emu
cp -v x86emu/x86emu/*.c .
cp -v x86emu/x86emu/*.h include/x86emu
cp -v x86emu/include/x86emu/*.h include/x86emu

echo "Removing checkedout subversion director..."
rm -rf x86emu

echo "Patching files..."

$PATCH -p0 < x86emu_changes.diff
echo "done"
exit 0

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1.275 libevent 2.0.22

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1.276 diffutils 3.6

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In practice this means that the value of constants must not change, and that old values may not be reused for new constants.
*************************************************************************

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A. HISTORY OF THE SOFTWARE
=====================================

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

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes the various releases.

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A. HISTORY OF THE SOFTWARE

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

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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This package contains a modified version of ca-bundle.crt:

text:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
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History
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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable “work that uses the Library”, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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Ty Coon, President of Vice
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1.280 pixman 0.34.0

1.280.1 Available under license:

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1.281 libtomcrypt 1.17
1.281.1 Available under license:

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

1.282 gnutls 3.3.30
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