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In your requests please include the following reference number 78EE117C99-2363678442

Contents

1.1 glibc 2.19
1.1.1 Available under license
1.2 curl 7.54.1
1.2.1 Available under license
1.3 base-passwd 3.5.29
1.3.1 Available under license
1.4 libdaemon 0.14
1.4.1 Available under license
1.5 libwww 5.4.2
1.5.1 Available under license
1.6 libxml2 2.9.9
1.6.1 Available under license
1.7 berkeley-db 6.0.30
1.7.1 Available under license
1.8 mingetty 1.08
1.8.1 Available under license
1.9 pm-utils 1.4.1
1.9.1 Available under license
1.10 tcp-wrappers 7.6
1.10.1 Available under license
1.11 dmidecode 3.5
1.11.1 Available under license
1.12 zeromq 4.2.3
1.12.1 Available under license
1.13 net-snmp 5.8
1.13.1 Available under license

1.14 fbset 2.1
1.14.1 Available under license
1.15 bc 1.07
1.15.1 Available under license
1.16 dc 1.4
1.16.1 Available under license
1.17 which 2.21
1.17.1 Available under license
1.18 os-release 1.0
1.18.1 Available under license
1.19 lm-sensors 3.4.0
1.19.1 Available under license
1.20 python-pyrad 1.2
1.20.1 Available under license
1.21 wireless-tools 30.pre9
1.21.1 Available under license
1.22 ipmiutil 1.8.18
1.22.1 Available under license
1.23 libusb-compat 0.1.7
1.23.1 Available under license
1.24 websocketpp 0.8.2
1.24.1 Available under license
1.25 libssh2 1.6.0
1.25.1 Available under license
1.26 readline 8.1
1.26.1 Available under license
1.27 expat 2.2.8
1.27.1 Available under license
1.28 expat 1.95.8
1.28.1 Available under license
1.29 libpciaccess 0.16
1.29.1 Available under license
1.30 lm-sensors 3.6.0
1.30.1 Available under license
1.31 openosc 1.0.5
1.31.1 Available under license
1.32 libssh 0.8.9
1.32.1 Available under license
1.33 xinetd 2.3.15.4

1.33.1 Available under license
1.34 zeromq 4.3.4
1.34.1 Available under license
1.35 ncurses 6.3
1.35.1 Available under license
1.36 libedit 3.1
1.36.1 Available under license
1.37 bind 9.11.36
1.37.1 Available under license
1.38 fdisk 2.38.0
1.38.1 Available under license
1.39 lua 5.4.4
1.39.1 Available under license
1.40 libnsl 1.3.0
1.40.1 Available under license
1.41 tdb 1.46.5
1.41.1 Available under license
1.42 hd-parm 9.63
1.42.1 Available under license
1.43 init-system-helpers 1.62
1.43.1 Available under license
1.44 libssh 0.8.8
1.44.1 Available under license
1.45 ketopt 2019.4
1.45.1 Available under license
1.46 parson 1.1.3
1.46.1 Available under license
1.47 libatomic 10.3.0
1.47.1 Available under license
1.48 libcroco 0.6.13
1.48.1 Available under license
1.49 berkeley-db 5.3.28
1.49.1 Available under license
1.50 ipmi-tool 1.8.18
1.50.1 Available under license
1.51 unzip 6.0
1.51.1 Available under license
1.52 freeradius-client 1.1.7
1.52.1 Available under license

1.53 time 1.9
1.53.1 Available under license
1.54 base-files 3.0.14
1.54.1 Available under license
1.55 zlib 1.2.11
1.55.1 Available under license
1.56 lzo 2.10
1.56.1 Available under license
1.57 run-postinsts 1.0
1.57.1 Available under license
1.58 shadow-securetty 4.6
1.58.1 Available under license
1.59 libmnl 1.0.4
1.59.1 Available under license
1.60 sysvinit-inittab 2.88dsf
1.60.1 Available under license
1.61 update-rc-d 0.8
1.61.1 Available under license
1.62 iconv 2.35
1.62.1 Available under license
1.63 talloc 2.3.3
1.63.1 Available under license
1.64 netkit-ftp 20151004
1.64.1 Available under license
1.65 open-ldap 2.5.12
1.65.1 Available under license
1.66 python-ply 3.11
1.66.1 Available under license
1.67 syslog-ng 3.36.1
1.67.1 Available under license
1.68 pyasn1 0.4.8
1.68.1 Available under license
1.69 bzip2 1.0.8
1.69.1 Available under license
1.70 libcap-ng 0.8.2
1.70.1 Available under license
1.71 python3-constantly 15.1.0
1.71.1 Available under license
1.72 net-snmp 5.8

1.72.1 Available under license
1.73 net-tools 2.10
1.73.1 Available under license
1.74 python3-bcrypt 3.2.0
1.74.1 Available under license
1.75 python-chardet 4.0.0
1.75.1 Available under license
1.76 python3-automat 20.2.0
1.76.1 Available under license
1.77 keyutils 1.6.1
1.77.1 Available under license
1.78 curl 7.79.1
1.78.1 Available under license
1.79 python3-appdirs 1.4.4
1.79.1 Available under license
1.80 python3-hyperlink 21.0.0
1.80.1 Available under license
1.81 procps 3.3.17
1.81.1 Available under license
1.82 libnettle6 3.7.3
1.82.1 Available under license
1.83 python3-pyserial 3.5
1.83.1 Available under license
1.84 ebtables 2.0.11
1.84.1 Available under license
1.85 modutils-initscripts 1.0
1.85.1 Available under license
1.86 python3-ndg-httpsclient 0.5.1
1.86.1 Available under license
1.87 sed 4.8
1.87.1 Available under license
1.88 hwloc 1.11.13
1.88.1 Available under license
1.89 python3-pexpect 4.8.0
1.89.1 Available under license
1.90 eudev 3.2.10
1.90.1 Available under license
1.91 psmisc 23.4
1.91.1 Available under license

1.92 dmidecode 3.3
1.92.1 Available under license
1.93 xinetd 2.3.15.4
1.93.1 Available under license
1.94 parted 3.4
1.94.1 Available under license
1.95 python3-pysocks 1.7.1
1.95.1 Available under license
1.96 attr 2.5.1
1.96.1 Available under license
1.97 pciutils 3.7.0
1.97.1 Available under license
1.98 netcat-openbsd 1.195
1.98.1 Available under license
1.99 libpwquality 1.4.4
1.99.1 Available under license
1.100 re2 2020.11.01
1.100.1 Available under license
1.101 dosfs-tools 4.2
1.101.1 Available under license
1.102 tini 0.19.0
1.102.1 Available under license
1.103 python3-ptyprocess 0.7.0
1.103.1 Available under license
1.104 iptables 1.8.7
1.104.1 Available under license
1.105 gettext 0.21
1.105.1 Available under license
1.106 pam-ldap 184
1.106.1 Available under license
1.107 popt 1.18
1.107.1 Available under license
1.108 cairo 1.16.0
1.108.1 Available under license
1.109 initscripts 1.0
1.109.1 Available under license
1.110 tcl 8.6.11
1.110.1 Available under license
1.111 beecrypt 4.2.1

1.111.1 Available under license
1.112 bc 1.07.1
1.112.1 Available under license
1.113 json-c 0.15
1.113.1 Available under license
1.114 jansson 2.13.1
1.114.1 Available under license
1.115 fontconfig 2.13.1
1.115.1 Available under license
1.116 python 2.7.18
1.116.1 Available under license
1.117 python3-incremental 21.3.0
1.117.1 Available under license
1.118 gmp 6.2.1
1.118.1 Available under license
1.119 openosc 1.0.5
1.119.1 Available under license
1.120 expat 2.5.0
1.120.1 Available under license
1.121 protobuf 3.21.6
1.121.1 Available under license
1.122 xoslib 8.0.0.21
1.122.1 Available under license
1.123 u-boot 2010.06
1.123.1 Available under license
1.124 python3-cffi 1.15.0
1.124.1 Available under license
1.125 rdma-cm 33.0
1.125.1 Available under license
1.126 binutils 2.38.20220708
1.126.1 Available under license
1.127 binutils 2.37.50
1.127.1 Available under license
1.128 gdb 11.2
1.128.1 Available under license
1.129 lvm2 1.02.175
1.129.1 Available under license
1.130 makedumpfile 1.7.1
1.130.1 Available under license

1.131 golang 1.19.4
1.131.1 Available under license
1.132 acl 2.3.01
1.132.1 Available under license
1.133 perl 5.34.1
1.133.1 Available under license
1.134 rdma-cm 44.1
1.134.1 Available under license
1.135 libbacktrace 10.3.0
1.135.1 Available under license
1.136 perl 5.34.0
1.136.1 Available under license
1.137 libtasn 4.17.0
1.137.1 Available under license
1.138 iputils 0211215
1.138.1 Available under license
1.139 libtasn 4.16.0
1.139.1 Available under license
1.140 lmsensors-config 1.0
1.140.1 Available under license
1.141 init-ifupdown 1.0
1.141.1 Available under license
1.142 thread-pool 0.2.5
1.142.1 Available under license
1.143 keymaps 1.0
1.143.1 Available under license
1.144 tunctl 1.5
1.144.1 Available under license
1.145 numactl 2.0.16
1.145.1 Available under license
1.146 zlib 1.2.7
1.146.1 Available under license
1.147 zlib 1.2.12
1.147.1 Available under license
1.148 xmlsec 1.2.33
1.148.1 Available under license
1.149 cpprest 2.10.18
1.149.1 Available under license
1.150 cpp 11.4.0

1.150.1 Available under license
1.151 nvme-cli 1.13
1.151.1 Available under license
1.152 runc 1.1.12
1.152.1 Available under license
1.153 python3-pyopenssl 22.0.0
1.153.1 Available under license
1.154 python3-pycparser 2.21
1.154.1 Available under license
1.155 sedutil 1.20.0
1.155.1 Available under license
1.156 multipart-parser-c NA
1.156.1 Available under license
1.157 openssl 1.1.1y
1.157.1 Available under license
1.158 common-base3 1.0
1.158.1 Available under license
1.159 qed-drv 8.59.10.0
1.159.1 Available under license
1.160 qede-drv 8.59.10.0
1.160.1 Available under license
1.161 python-ptyprocess 0.6.0
1.161.1 Available under license
1.162 expect 5.45.4
1.162.1 Available under license
1.163 ethtool 6.9
1.163.1 Available under license
1.164 msmtp 1.8.20
1.164.1 Available under license
1.165 libtomcrypt 1.17
1.165.1 Available under license
1.166 libtommath 0.42.0
1.166.1 Available under license
1.167 perf 1.0
1.167.1 Available under license
1.168 fbset-modes 0.1.0
1.168.1 Available under license
1.169 jsmn 6572217a0e71fdc13c9ea5571203187f383665e0
1.169.1 Available under license

1.170 csrp 1.0
1.170.1 Available under license
1.171 mongoose-web-server 3.5
1.171.1 Available under license
1.172 pythonurllib 1.26.18
1.172.1 Available under license
1.173 openssh 9.8p1
1.173.1 Notifications
1.173.2 Available under license
1.174 kerberos 1.17.2
1.174.1 Available under license
1.175 iotop 1.21
1.175.1 Available under license
1.176 cryptodev-linux 1.12
1.176.1 Available under license
1.177 usleep 1.0
1.177.1 Available under license
1.178 iproute 6.10.0
1.178.1 Available under license
1.179 gpt-fdisk 1.0.8
1.179.1 Available under license
1.180 libtraceevent 1.8.2
1.180.1 Available under license
1.181 gcc-sanitizers 11.4.0
1.181.1 Available under license
1.182 haveged 1.9.18
1.182.1 Available under license
1.183 python3-idna 3.3
1.183.1 Available under license
1.184 dpdk-kmods 1.0
1.184.1 Available under license
1.185 rasdaemon git
1.185.1 Available under license
1.186 abseil-cpp 20230125.1
1.186.1 Available under license
1.187 python-pexpect 4.7.0
1.187.1 Available under license
1.188 tnftp 20210827
1.188.1 Available under license

1.189 libmd 1.0.4
1.189.1 Available under license
1.190 pam-tacplus 1.6.2
1.190.1 Available under license
1.191 dpdk 22.11.0
1.191.1 Available under license
1.192 harfbuzz 4.0.1
1.192.1 Available under license
1.193 python3-certifi 2021.10.8
1.193.1 Available under license
1.194 python3-cryptography 36.0.2
1.194.1 Available under license
1.195 libdbd-sqlite-perl 1.68
1.195.1 Available under license
1.196 python-pyyaml 5.4.1
1.196.1 Available under license
1.197 glibc-locale 2.35
1.197.1 Available under license
1.198 ndisc 1.0.6
1.198.1 Available under license
1.199 libdbi-perl 1.643
1.199.1 Available under license
1.200 mtools 4.0.38
1.200.1 Available under license
1.201 ixgbevf 4.15.1
1.201.1 Available under license
1.202 ixgbe 5.15.2
1.202.1 Available under license
1.203 mcelog 180
1.203.1 Available under license
1.204 amzn-drivers-ena 2.8.0
1.204.1 Available under license
1.205 qat 4.14.0-00031
1.205.1 Available under license
1.206 xorriso 1.5.5
1.206.1 Available under license
1.207 python3-pyhamcrest 2.0.3
1.207.1 Available under license
1.208 linux-libc-headers 5.16

1.208.1 Available under license
1.209 python3-click 8.1.2
1.209.1 Available under license
1.210 python3-zopeinterface 5.4.0
1.210.1 Available under license
1.211 python3-twisted 22.2.0
1.211.1 Available under license
1.212 python3-attrs 21.4.0
1.212.1 Available under license
1.213 pkix ssh 15.1
1.213.1 Notifications
1.213.2 Available under license
1.214 pam-radius 3.0.0
1.214.1 Available under license
1.215 rasdaemon 0.8.0
1.215.1 Available under license
1.216 debianutils 5.7
1.216.1 Available under license
1.217 simple launcher 1.1.0.14
1.217.1 Available under license
1.218 btrfs-tools 5.16.2
1.218.1 Available under license
1.219 daemonize 1.7.8
1.219.1 Available under license
1.220 python3-pyrad 2.4
1.220.1 Available under license
1.221 tzdata 2024a
1.221.1 Available under license
1.222 ice 1.12.7
1.222.1 Available under license
1.223 iavf 4.9.1
1.223.1 Available under license
1.224 btrfs-progs 5.16.2
1.224.1 Available under license
1.225 grub 2.12
1.225.1 Available under license
1.226 grub-efi 2.12
1.226.1 Available under license
1.227 tpm2-abrmd 2.3.3

1.227.1 Available under license
1.228 python3-inotify 0.2.10
1.228.1 Available under license
1.229 kbd 2.4.0
1.229.1 Available under license
1.230 kerberos 1.17
1.230.1 Available under license
1.231 sqlite 3.38.5
1.231.1 Available under license
1.232 mod-security 2.9.0
1.232.1 Notifications
1.232.2 Available under license
1.233 dhcp-relay 4.4.3
1.233.1 Available under license
1.234 ice 2.2.9
1.234.1 Available under license
1.235 gawk 5.1.1
1.235.1 Available under license
1.236 util-linux-libuuid 2.37.4
1.236.1 Available under license
1.237 busybox 1.35.0
1.237.1 Available under license
1.238 gzip 1.12
1.238.1 Available under license
1.239 libgpg-error 1.44
1.239.1 Available under license
1.240 tar 1.35
1.240.1 Available under license
1.241 sqlite 3.41.0
1.241.1 Available under license
1.242 perl 5.34.3
1.242.1 Available under license
1.243 findutils 4.9.0
1.243.1 Available under license
1.244 opkg-utils 0.5.0
1.244.1 Available under license
1.245 libxml2 2.9.14
1.245.1 Available under license
1.246 diffutils 3.10

1.246.1 Available under license
1.247 grep 3.7
1.247.1 Available under license
1.248 xz 5.2.6
1.248.1 Available under license
1.249 python-six 1.16.0
1.249.1 Available under license
1.250 libtirpc 1.3.2
1.250.1 Available under license
1.251 libffi 3.4.4
1.251.1 Available under license
1.252 pcre 8.45
1.252.1 Available under license
1.253 shadow 4.11.1
1.253.1 Available under license
1.254 readline 8.1.2
1.254.1 Available under license
1.255 util-linux 2.38
1.255.1 Available under license
1.256 e2fsprogs 1.46.5
1.256.1 Available under license
1.257 libnsl 2.0.0
1.257.1 Available under license
1.258 libidn 2.3.2
1.258.1 Available under license
1.259 libgcc 11.4.0
1.259.1 Available under license
1.260 acl 2.3.1
1.260.1 Available under license
1.261 libunistring 1.0
1.261.1 Available under license
1.262 libcap 2.66
1.262.1 Available under license
1.263 libjitterentropy 3.4.1
1.263.1 Available under license
1.264 less 600
1.264.1 Available under license
1.265 cpio 2.14
1.265.1 Available under license

1.266 glib 2.72.3
1.266.1 Available under license
1.267 bash 5.1.16
1.267.1 Available under license
1.268 ncurses 6.3+20220423
1.268.1 Available under license
1.269 glibc 2.35
1.269.1 Available under license
1.270 expat 2.6.2
1.270.1 Available under license
1.271 coreutils 9.0
1.271.1 Available under license
1.272 zstd 1.5.2
1.272.1 Available under license
1.273 netbase 6.3
1.273.1 Available under license
1.274 libyaml 0.2.5
1.274.1 Available under license
1.275 file 5.41
1.275.1 Available under license
1.276 gcc-run-time 11.4.0
1.276.1 Available under license
1.277 curl 7.82.0
1.277.1 Available under license
1.278 elfutils 0.186
1.278.1 Available under license
1.279 python 3.10.13
1.279.1 Available under license
1.280 pam 1.5.2
1.280.1 Available under license
1.281 rpm 4.17.1
1.281.1 Available under license
1.282 libnl3 3.5.0
1.282.1 Available under license
1.283 dtc 1.6.1
1.283.1 Available under license
1.284 xfsprogs 5.13.0
1.284.1 Available under license
1.285 qemu 6.2.0

1.285.1 Available under license
1.286 mdadm 4.2
1.286.1 Available under license
1.287 fribidi 1.0.13
1.287.1 Available under license
1.288 boost 1.81.0
1.288.1 Available under license
1.289 apr 1.7.2
1.289.1 Available under license
1.290 linux-kernel 5.15.155
1.290.1 Available under license
1.291 grpc 1.53.2
1.291.1 Available under license
1.292 tomcat-connectors 1.2.40
1.292.1 Available under license
1.293 gdbm 1.23
1.293.1 Available under license
1.294 pango 1.50.4
1.294.1 Available under license
1.295 nfs-utils 2.6.1
1.295.1 Available under license
1.296 libarchive 3.6.2
1.296.1 Available under license
1.297 libunwind 1.8.1
1.297.1 Available under license
1.298 open-ldap 2.5.16
1.298.1 Available under license
1.299 libxslt 1.1.35
1.299.1 Available under license
1.300 libusb 1.0.26
1.300.1 Available under license
1.301 zeromq 4.3.4
1.301.1 Available under license
1.302 log-rotate 3.20.1
1.302.1 Available under license
1.303 libutempter 1.1.6-alt2
1.303.1 Available under license
1.304 cronie 1.6.1
1.304.1 Available under license

1.305 bind 9.18.24
1.305.1 Available under license
1.306 rpcbind 1.2.6
1.306.1 Available under license
1.307 vim 9.1.0114
1.307.1 Available under license
1.308 xmlsec 1.2.33
1.308.1 Available under license
1.309 gnutls 3.7.4
1.309.1 Available under license
1.310 net-snmp 5.9.3
1.310.1 Available under license
1.311 inotify-tools 3.22.1.0
1.311.1 Available under license
1.312 brotli 1.0.9
1.312.1 Available under license
1.313 kmod 29
1.313.1 Available under license
1.314 sysstat 12.4.5
1.314.1 Available under license
1.315 libbpf 0.7.0
1.315.1 Available under license
1.316 binutils 2.38
1.316.1 Available under license
1.317 sysv-init 3.01
1.317.1 Available under license
1.318 icu 70.1
1.318.1 Available under license
1.319 ethtool 5.16
1.319.1 Available under license
1.320 lsof 4.94.0
1.320.1 Available under license
1.321 protobuf-c 1.4.1
1.321.1 Available under license
1.322 python-pip 22.0.3
1.322.1 Available under license
1.323 rdma-cm 44.1
1.323.1 Available under license
1.324 libseccomp 2.5.3

1.324.1 Available under license
1.325 mtd-utils 2.1.5
1.325.1 Available under license
1.326 shared-mime-info 2.1
1.326.1 Available under license
1.327 libgcrypt 1.9.4
1.327.1 Available under license
1.328 libtasn 4.19.0
1.328.1 Available under license
1.329 pigz 2.7
1.329.1 Available under license
1.330 libevent 2.1.12
1.330.1 Available under license
1.331 c-ares 1.18.1
1.331.1 Available under license
1.332 pixman 0.40.0
1.332.1 Available under license
1.333 apr-util 1.6.3
1.333.1 Available under license
1.334 rrdtool 1.8.0
1.334.1 Available under license
1.335 wget 1.21.4
1.335.1 Available under license
1.336 iproute 5.17.0
1.336.1 Available under license
1.337 i2c-tools 4.3
1.337.1 Available under license
1.338 libpciaccess 0.16
1.338.1 Available under license
1.339 ifupdown 0.8.39
1.339.1 Available under license
1.340 lvm2 2.03.11
1.340.1 Available under license
1.341 libidn 1.36
1.341.1 Available under license
1.342 rsync 3.2.5
1.342.1 Available under license
1.343 dhcp 4.4.3
1.343.1 Available under license

1.344 libpng 1.6.39
1.344.1 Available under license
1.345 python-setuptools 59.5.0
1.345.1 Available under license
1.346 lz4 1.9.4
1.346.1 Available under license
1.347 screen 4.9.0
1.347.1 Available under license
1.348 libaio 0.3.112
1.348.1 Available under license
1.349 iputils 20211215
1.349.1 Available under license
1.350 inetutils 2.2
1.350.1 Available under license
1.351 python-requests 2.27.1
1.351.1 Available under license
1.352 python3-protobuf 3.20.3
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1.4 libdaemon 0.14

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1.5 libwww 5.4.2

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

That's all there is to it!

1.6 libxml2 2.9.9

1.6.1 Available under license :

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1.7 berkeley-db 6.0.30

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*
* $Id$
*/

#include "db_config.h"

#include
 "db_int.h"
#include "dbinc/blob.h"
#include "dbinc/crypto.h"
#include "dbinc/db_page.h"
#include "dbinc/db_swap.h"
#include "dbinc/btree.h"
#include "dbinc/lock.h"
#include "dbinc/mp.h"
#include "dbinc/partition.h"
#include "dbinc/fop.h"

static void __bam_init_meta __P((DB *, BTMETA *, db_pgno_t, DB_LSN *));

/*
* __bam_open --
* Open a btree.
*
* PUBLIC: int __bam_open __P((DB *, DB_THREAD_INFO *,
* PUBLIC:      DB_TXN *, const char *, db_pgno_t, u_int32_t));
*/
```

```
int
__bam_open(dbp, ip, txn, name, base_pgno, flags)
 DB *dbp;
 DB_THREAD_INFO *ip;
 DB_TXN *txn;
 const char *name;
 db_pgno_t base_pgno;
 u_int32_t flags;
{
 BTREE *t;

 COMPQUIET(name, NULL);
 t = dbp->bt_internal;

 /*
  * We don't permit the user to specify a prefix routine if they didn't
  * also specify a comparison routine, they can't know enough about our
  * comparison routine to get it right.
  */
 if (t->bt_compare == __bam_defcmp && t->bt_prefix != __bam_defpfx)
 {
  __db_errx(dbp->env, DB_STR("1006",
"prefix comparison may not be specified for default comparison routine"));
  return (EINVAL);
 }

 /*
  * Verify that the bt_minkey value specified won't cause the
  * calculation of ovflsize to underflow [#2406] for this pagesize.
  */
 if (B_MINKEY_TO_OVFLSIZE(dbp, t->bt_minkey, dbp->pgsize) >
     B_MINKEY_TO_OVFLSIZE(dbp, DEFMINKEYPAGE, dbp->pgsize)) {
  __db_errx(dbp->env, DB_STR_A("1007",
      "bt_minkey value of %lu too high for page size of %lu",
      "%lu %lu"), (u_long)t->bt_minkey, (u_long)dbp->pgsize);
  return (EINVAL);
 }

 /* Start up the tree. */
 return (__bam_read_root(dbp, ip, txn, base_pgno, flags));
}

/*
* __bam_metachk --
*
* PUBLIC: int __bam_metachk __P((DB *, const char *, BTMETA *));
*/
int
```

```
__bam_metachk(dbp, name, btm)
 DB *dbp;
 const char *name;
 BTMETA *btm;
{
 ENV *env;
 u_int32_t vers;
 int ret;

 env = dbp->env;
 ret = 0;

 /*
  * At this point, all we know
 is that the magic number is for a Btree.
  * Check the version, the database may be out of date.
  */
 vers = btm->dbmeta.version;
 if (F_ISSET(dbp, DB_AM_SWAP))
  M_32_SWAP(vers);
 switch (vers) {
 case 6:
 case 7:
  __db_errx(env, DB_STR_A("1008",
     "%s: btree version %lu requires a version upgrade",
     "%s %lu"), name, (u_long)vers);
  return (DB_OLD_VERSION);
 case 8:
 case 9:
 case 10:
  break;
 default:
  __db_errx(env, DB_STR_A("1009",
     "%s: unsupported btree version: %lu", "%s %lu"),
     name, (u_long)vers);
  return (EINVAL);
 }

 /* Swap the page if we need to. */
 if (F_ISSET(dbp, DB_AM_SWAP) &&
    (ret = __bam_mswap(env, (PAGE *)btm)) != 0)
  return (ret);

 /*
  * Check application info against metadata info, and set info, flags,
  * and type based on metadata info.
  */
 if ((ret =
```

```
    __db_fchk(env, "DB->open", btm->dbmeta.flags, BTM_MASK)) != 0)
 return (ret);

if (F_ISSET(&btm->dbmeta, BTM_RECNO)) {
 if (dbp->type
== DB_BTREE)
  goto wrong_type;
 dbp->type = DB_RECNO;
 DB_ILLEGAL_METHOD(dbp, DB_OK_RECNO);
} else {
 if (dbp->type == DB_RECNO)
  goto wrong_type;
 dbp->type = DB_BTREE;
 DB_ILLEGAL_METHOD(dbp, DB_OK_BTREE);
}

if (F_ISSET(&btm->dbmeta, BTM_DUP))
 F_SET(dbp, DB_AM_DUP);
else
 if (F_ISSET(dbp, DB_AM_DUP)) {
  __db_errx(env, DB_STR_A("1010",
 "%s: DB_DUP specified to open method but not set in database",
      "%s"), name);
  return (EINVAL);
 }

if (F_ISSET(&btm->dbmeta, BTM_RECNUM)) {
 if (dbp->type != DB_BTREE)
  goto wrong_type;
 F_SET(dbp, DB_AM_RECNUM);

 if ((ret = __db_fcchk(env,
     "DB->open", dbp->flags, DB_AM_DUP, DB_AM_RECNUM)) != 0)
  return (ret);
} else
 if (F_ISSET(dbp, DB_AM_RECNUM)) {
  __db_errx(env, DB_STR_A("1011",
    "%s: DB_RECNUM specified to open method but not set in database",
      "%s"), name);
  return (EINVAL);
 }

if (F_ISSET(&btm->dbmeta, BTM_FIXEDLEN)) {
 if (dbp->type != DB_RECNO)
  goto
wrong_type;
 F_SET(dbp, DB_AM_FIXEDLEN);
} else
```

```
 if (F_ISSET(dbp, DB_AM_FIXEDLEN)) {
  __db_errx(env, DB_STR_A("1012",
"%s: DB_FIXEDLEN specified to open method but not set in database",
  "%s"), name);
  return (EINVAL);
 }

if (F_ISSET(&btm->dbmeta, BTM_RENUMBER)) {
 if (dbp->type != DB_RECNO)
  goto wrong_type;
 F_SET(dbp, DB_AM_RENUMBER);
} else
 if (F_ISSET(dbp, DB_AM_RENUMBER)) {
  __db_errx(env, DB_STR_A("1013",
    "%s: DB_RENUMBER specified to open method but not set in database",
      "%s"), name);
  return (EINVAL);
 }

if (F_ISSET(&btm->dbmeta, BTM_SUBDB))
 F_SET(dbp, DB_AM_SUBDB);
else
 if (F_ISSET(dbp, DB_AM_SUBDB)) {
  __db_errx(env, DB_STR_A("1014",
    "%s: multiple databases specified but not supported by file",
      "%s"), name);
  return (EINVAL);
 }

if (F_ISSET(&btm->dbmeta, BTM_DUPSORT)) {
 if (dbp->dup_compare == NULL)
  dbp->dup_compare = __bam_defcmp;
 F_SET(dbp, DB_AM_DUPSORT);
}
else
 if (dbp->dup_compare != NULL) {
  __db_errx(env, DB_STR_A("1015",
 "%s: duplicate sort specified but not supported in database",
      "%s"), name);
  return (EINVAL);
 }

#ifdef HAVE_COMPRESSION
 if (F_ISSET(&btm->dbmeta, BTM_COMPRESS)) {
 F_SET(dbp, DB_AM_COMPRESS);
 if ((BTREE *)dbp->bt_internal != NULL &&
     !DB_IS_COMPRESSED(dbp) &&
     (ret = __bam_set_bt_compress(dbp, NULL, NULL)) != 0)
```

```
  return (ret);
 } else {
  if ((BTREE *)dbp->bt_internal != NULL &&
      DB_IS_COMPRESSED(dbp)) {
   __db_errx(env, DB_STR_A("1016",
 "%s: compresssion specified to open method but not set in database",
       "%s"), name);
   return (EINVAL);
  }
 }
#else
 if (F_ISSET(&btm->dbmeta, BTM_COMPRESS)) {
  __db_errx(env, DB_STR_A("1017",
      "%s: compression support has not been compiled in", "%s"),
      name);
  return (EINVAL);
 }
#endif

 /* Set the page size. */
 dbp->pgsize = btm->dbmeta.pagesize;

 dbp->blob_threshold = btm->blob_threshold;
 GET_BLOB_FILE_ID(env,
 btm, dbp->blob_file_id, ret);
 if (ret != 0)
  return (ret);
 GET_BLOB_SDB_ID(env, btm, dbp->blob_sdb_id, ret);
 if (ret != 0)
  return (ret);
 /* Blob databases must be upgraded. */
 if (vers == 9 && (dbp->blob_file_id != 0 || dbp->blob_sdb_id != 0)) {
     __db_errx(env, DB_STR_A("1207",
"%s: databases that support blobs must be upgraded.", "%s"),
      name);
  return (EINVAL);
 }
#ifndef HAVE_64BIT_TYPES
 if (dbp->blob_file_id != 0 || dbp->blob_sdb_id != 0) {
  __db_errx(env, DB_STR_A("1199",
      "%s: blobs require 64 integer compiler support.", "%s"),
      name);
  return (EINVAL);
 }
#endif

 /* Copy the file's ID. */
 memcpy(dbp->fileid, btm->dbmeta.uid, DB_FILE_ID_LEN);
```

```
 return (0);

wrong_type:
 if (dbp->type == DB_BTREE)
  __db_errx(env, DB_STR("1018",
     "open method type is Btree, database type is Recno"));
 else
  __db_errx(env, DB_STR("1019",
     "open method type is Recno, database type is Btree"));
 return
 (EINVAL);
}

/*
* __bam_read_root --
* Read the root page and check a tree.
*
* PUBLIC: int __bam_read_root __P((DB *,
* PUBLIC:      DB_THREAD_INFO *, DB_TXN *, db_pgno_t, u_int32_t));
*/
int
__bam_read_root(dbp, ip, txn, base_pgno, flags)
 DB *dbp;
 DB_THREAD_INFO *ip;
 DB_TXN *txn;
 db_pgno_t base_pgno;
 u_int32_t flags;
{
 BTMETA *meta;
 BTREE *t;
 DBC *dbc;
 DB_LOCK metalock;
 DB_MPOOLFILE *mpf;
 int ret, t_ret;

 COMPQUIET(flags, 0);

 meta = NULL;
 t = dbp->bt_internal;
 LOCK_INIT(metalock);
 mpf = dbp->mpf;
 ret = 0;

 /* Get a cursor.  */
 if ((ret = __db_cursor(dbp, ip, txn, &dbc,
    F_ISSET(dbp, DB_AM_RECOVER) ? DB_RECOVER : 0)) != 0)
  return (ret);
```

```
/* Get the metadata page. */
if ((ret =
    __db_lget(dbc, 0, base_pgno, DB_LOCK_READ, 0, &metalock)) != 0)
 goto err;
if ((ret = __memp_fget(mpf, &base_pgno, ip, dbc->txn, 0, &meta)) != 0)
 goto err;

/*
 * If the magic number is set, the tree has been
created.  Correct
 * any fields that may not be right.  Note, all of the local flags
 * were set by DB->open.
 *
 * Otherwise, we'd better be in recovery or abort, in which case the
 * metadata page will be created/initialized elsewhere.
 *
 * Ignore the last_pgno on the metadata page for snapshot transactions:
 * we may be reading an old version of the page, and we've already
 * set last_pgno from the file size.  The only time this would matter
 * is if we don't have ftruncate and there are some free pages at the
 * end of the file: we could end up with holes.
 */
if (meta->dbmeta.magic == DB_BTREEMAGIC) {
 t->bt_minkey = meta->minkey;
 t->re_pad = (int)meta->re_pad;
 t->re_len = meta->re_len;

 t->bt_meta = base_pgno;
 t->bt_root = meta->root;
 t->revision = dbp->mpf->mfp->revision;
 if (PGNO(meta) == PGNO_BASE_MD &&
     !F_ISSET(dbp, DB_AM_RECOVER) &&
     (txn == NULL || !F_ISSET(txn, TXN_SNAPSHOT)) && (ret =
     __memp_set_last_pgno(mpf,
meta->dbmeta.last_pgno)) != 0)
  goto err;
} else {
 DB_ASSERT(dbp->env,
     IS_RECOVERING(dbp->env) || F_ISSET(dbp, DB_AM_RECOVER));
}

/*
 * !!!
 * If creating a subdatabase, we've already done an insert when
 * we put the subdatabase's entry into the master database, so
 * our last-page-inserted value is wrongly initialized for the
 * master database, not the subdatabase we're creating.  I'm not
```

```
 * sure where the *right* place to clear this value is, it's not
 * intuitively obvious that it belongs here.
 */
t->bt_lpgno = PGNO_INVALID;

err: /* Put the metadata page back. */
 if (meta != NULL && (t_ret = __memp_fput(mpf,
     ip, meta, dbc->priority)) != 0 && ret == 0)
  ret = t_ret;
 if ((t_ret = __LPUT(dbc, metalock)) != 0 && ret == 0)
  ret = t_ret;

 if ((t_ret = __dbc_close(dbc)) != 0 && ret == 0)
  ret = t_ret;
 return (ret);
}

/*
* __bam_init_meta --
*
* Initialize a btree meta-data page.  The following fields may
 need
* to be updated later: last_pgno, root.
*/
static void
__bam_init_meta(dbp, meta, pgno, lsnp)
 DB *dbp;
 BTMETA *meta;
 db_pgno_t pgno;
 DB_LSN *lsnp;
{
 BTREE *t;
#ifdef HAVE_PARTITION
 DB_PARTITION *part;
#endif
 ENV *env;

 env = dbp->env;
 t = dbp->bt_internal;

 memset(meta, 0, sizeof(BTMETA));
 meta->dbmeta.lsn = *lsnp;
 meta->dbmeta.pgno = pgno;
 meta->dbmeta.magic = DB_BTREEMAGIC;
 meta->dbmeta.version = DB_BTREEVERSION;
 meta->dbmeta.pagesize = dbp->pgsize;
 if (F_ISSET(dbp, DB_AM_CHKSUM))
  FLD_SET(meta->dbmeta.metaflags, DBMETA_CHKSUM);
```

```
 if (F_ISSET(dbp, DB_AM_ENCRYPT)) {
  meta->dbmeta.encrypt_alg = env->crypto_handle->alg;
  DB_ASSERT(env, meta->dbmeta.encrypt_alg != 0);
  meta->crypto_magic = meta->dbmeta.magic;
 }
 meta->dbmeta.type = P_BTREEMETA;
 meta->dbmeta.free = PGNO_INVALID;
 meta->dbmeta.last_pgno = pgno;
 if (F_ISSET(dbp, DB_AM_DUP))
  F_SET(&meta->dbmeta, BTM_DUP);
 if (F_ISSET(dbp, DB_AM_FIXEDLEN))
  F_SET(&meta->dbmeta,
 BTM_FIXEDLEN);
 if (F_ISSET(dbp, DB_AM_RECNUM))
  F_SET(&meta->dbmeta, BTM_RECNUM);
 if (F_ISSET(dbp, DB_AM_RENUMBER))
  F_SET(&meta->dbmeta, BTM_RENUMBER);
 if (F_ISSET(dbp, DB_AM_SUBDB))
  F_SET(&meta->dbmeta, BTM_SUBDB);
 if (dbp->dup_compare != NULL)
  F_SET(&meta->dbmeta, BTM_DUPSORT);
#ifdef HAVE_COMPRESSION
 if (DB_IS_COMPRESSED(dbp))
  F_SET(&meta->dbmeta, BTM_COMPRESS);
#endif
 if (dbp->type == DB_RECNO)
  F_SET(&meta->dbmeta, BTM_RECNO);
 memcpy(meta->dbmeta.uid, dbp->fileid, DB_FILE_ID_LEN);

 meta->minkey = t->bt_minkey;
 meta->re_len = t->re_len;
 meta->re_pad = (u_int32_t)t->re_pad;
 meta->blob_threshold = dbp->blob_threshold;
 SET_BLOB_META_FILE_ID(meta, dbp->blob_file_id, BTMETA);
 SET_BLOB_META_SDB_ID(meta, dbp->blob_sdb_id, BTMETA);

#ifdef HAVE_PARTITION
 if ((part = dbp->p_internal) != NULL) {
  meta->dbmeta.nparts = part->nparts;
  if (F_ISSET(part, PART_CALLBACK))
   FLD_SET(meta->dbmeta.metaflags, DBMETA_PART_CALLBACK);
  if (F_ISSET(part,
 PART_RANGE))
   FLD_SET(meta->dbmeta.metaflags, DBMETA_PART_RANGE);
 }
#endif
}
```

```
/*
* __bam_new_file --
* Create the necessary pages to begin a new database file.
*
* This code appears more complex than it is because of the two cases (named
* and unnamed).  The way to read the code is that for each page being created,
* there are three parts: 1) a "get page" chunk (which either uses malloc'd
* memory or calls __memp_fget), 2) the initialization, and 3) the "put page"
* chunk which either does a fop write or an __memp_fput.
*
* PUBLIC: int __bam_new_file __P((DB *,
* PUBLIC:      DB_THREAD_INFO *, DB_TXN *, DB_FH *, const char *));
*/
int
__bam_new_file(dbp, ip, txn, fhp, name)
 DB *dbp;
 DB_THREAD_INFO *ip;
 DB_TXN *txn;
 DB_FH *fhp;
 const char *name;
{
 BTMETA *meta;
 DBT pdbt;
 DB_LSN lsn;
 DB_MPOOLFILE *mpf;
 DB_PGINFO pginfo;
 ENV *env;
 PAGE *root;
 db_pgno_t pgno;
 int ret, t_ret;
 void *buf;

 env = dbp->env;
 mpf =
 dbp->mpf;
 root = NULL;
 meta = NULL;
 buf = NULL;

 if (F_ISSET(dbp, DB_AM_INMEM)) {
  /* Build the meta-data page. */
  pgno = PGNO_BASE_MD;
  if ((ret = __memp_fget(mpf, &pgno,
      ip, txn, DB_MPOOL_CREATE | DB_MPOOL_DIRTY, &meta)) != 0)
   return (ret);
  LSN_NOT_LOGGED(lsn);
  __bam_init_meta(dbp, meta, PGNO_BASE_MD, &lsn);
  meta->root = 1;
```

```
meta->dbmeta.last_pgno = 1;
if ((ret =
    __db_log_page(dbp, txn, &lsn, pgno, (PAGE *)meta)) != 0)
 goto err;
ret = __memp_fput(mpf, ip, meta, dbp->priority);
meta = NULL;
if (ret != 0)
 goto err;

/* Build the root page. */
pgno = 1;
if ((ret = __memp_fget(mpf, &pgno,
    ip, txn, DB_MPOOL_CREATE | DB_MPOOL_DIRTY, &root)) != 0)
 goto err;
P_INIT(root, dbp->pgsize, 1, PGNO_INVALID, PGNO_INVALID,
    LEAFLEVEL, dbp->type == DB_RECNO ? P_LRECNO : P_LBTREE);
LSN_NOT_LOGGED(root->lsn);
if ((ret =
    __db_log_page(dbp, txn, &root->lsn, pgno, root)) != 0)
 goto err;
ret =
__memp_fput(mpf, ip, root, dbp->priority);
root = NULL;
if (ret != 0)
 goto err;
} else {
memset(&pdbt, 0, sizeof(pdbt));

/* Build the meta-data page. */
pginfo.db_pagesize = dbp->pgsize;
pginfo.flags =
    F_ISSET(dbp, (DB_AM_CHKSUM | DB_AM_ENCRYPT | DB_AM_SWAP));
pginfo.type = dbp->type;
pdbt.data = &pginfo;
pdbt.size = sizeof(pginfo);
if (dbp->blob_threshold) {
 if ((ret = __blob_generate_dir_ids(dbp, txn,
     &dbp->blob_file_id)) != 0)
  return (ret);

 }
if ((ret = __os_calloc(env, 1, dbp->pgsize, &buf)) != 0)
 return (ret);
meta = (BTMETA *)buf;
LSN_NOT_LOGGED(lsn);
__bam_init_meta(dbp, meta, PGNO_BASE_MD, &lsn);
meta->root = 1;
meta->dbmeta.last_pgno = 1;
```

```
 if ((ret = __db_pgout(
     dbp->dbenv, PGNO_BASE_MD, meta, &pdbt)) != 0)
  goto err;
 if ((ret = __fop_write(env, txn, name, dbp->dirname,
     DB_APP_DATA, fhp,
     dbp->pgsize, 0, 0, buf, dbp->pgsize, 1, F_ISSET(
     dbp, DB_AM_NOT_DURABLE)
 ? DB_LOG_NOT_DURABLE : 0)) != 0)
  goto err;
 meta = NULL;

 /* Build the root page. */
#ifdef DIAGNOSTIC
 memset(buf, CLEAR_BYTE, dbp->pgsize);
#endif
 root = (PAGE *)buf;
 P_INIT(root, dbp->pgsize, 1, PGNO_INVALID, PGNO_INVALID,
     LEAFLEVEL, dbp->type == DB_RECNO ? P_LRECNO : P_LBTREE);
 LSN_NOT_LOGGED(root->lsn);
 if ((ret =
     __db_pgout(dbp->dbenv, root->pgno, root, &pdbt)) != 0)
  goto err;
 if ((ret =
     __fop_write(env, txn, name, dbp->dirname, DB_APP_DATA,
     fhp, dbp->pgsize, 1, 0, buf, dbp->pgsize, 1, F_ISSET(
     dbp, DB_AM_NOT_DURABLE) ? DB_LOG_NOT_DURABLE : 0)) != 0)
  goto err;
 root = NULL;
 }

err: if (buf != NULL)
 __os_free(env, buf);
 else {
 if (meta != NULL &&
     (t_ret = __memp_fput(mpf, ip,
     meta, dbp->priority)) != 0 && ret == 0)
  ret = t_ret;
 if (root != NULL &&
     (t_ret = __memp_fput(mpf, ip,
     root, dbp->priority)) != 0 && ret == 0)
  ret = t_ret;
 }
 return (ret);
}

/*
 * __bam_new_subdb --
* Create a metadata page and a root page for a new btree.
```

```
*
* PUBLIC: int __bam_new_subdb __P((DB *, DB *, DB_THREAD_INFO *, DB_TXN *));
*/
int
__bam_new_subdb(mdbp, dbp, ip, txn)
 DB *mdbp, *dbp;
 DB_THREAD_INFO *ip;
 DB_TXN *txn;
{
 BTMETA *meta;
 DBC *dbc;
 DB_LOCK metalock;
 DB_LSN lsn;
 DB_MPOOLFILE *mpf;
 ENV *env;
 PAGE *root;
 int ret, t_ret;

 env = mdbp->env;
 mpf = mdbp->mpf;
 dbc = NULL;
 meta = NULL;
 root = NULL;

 if (dbp->blob_threshold) {
  if ((ret = __blob_generate_dir_ids(dbp, txn,
      &dbp->blob_sdb_id)) != 0)
   return (ret);
 }

 if ((ret = __db_cursor(mdbp, ip, txn,
     &dbc, CDB_LOCKING(env) ?  DB_WRITECURSOR : 0)) != 0)
  return (ret);

 /* Get, and optionally create the metadata page. */
 if ((ret = __db_lget(dbc,
     0, dbp->meta_pgno, DB_LOCK_WRITE, 0, &metalock)) != 0)
  goto err;
 if ((ret = __memp_fget(mpf, &dbp->meta_pgno,
     ip, txn, DB_MPOOL_CREATE | DB_MPOOL_DIRTY, &meta))
 != 0)
  goto err;

 /* Build meta-data page. */
 lsn = meta->dbmeta.lsn;
 __bam_init_meta(dbp, meta, dbp->meta_pgno, &lsn);
 if ((ret = __db_log_page(mdbp,
     txn, &meta->dbmeta.lsn, dbp->meta_pgno, (PAGE *)meta)) != 0)
```

```
 goto err;

 /* Create and initialize a root page. */
 if ((ret = __db_new(dbc,
     dbp->type == DB_RECNO ? P_LRECNO : P_LBTREE, NULL, &root)) != 0)
  goto err;
 root->level = LEAFLEVEL;

 if (DBENV_LOGGING(env) &&
#if !defined(DEBUG_WOP)
     txn != NULL &&
#endif

     (ret = __bam_root_log(mdbp, txn, &meta->dbmeta.lsn, 0,
     meta->dbmeta.pgno, root->pgno, &meta->dbmeta.lsn)) != 0)
  goto err;

 meta->root = root->pgno;
 if ((ret =
     __db_log_page(mdbp, txn, &root->lsn, root->pgno, root)) != 0)
  goto err;

 /* Release the metadata and root pages. */
 if ((ret = __memp_fput(mpf, ip, meta, dbc->priority)) != 0)
  goto err;
 meta = NULL;
 if ((ret = __memp_fput(mpf, ip, root, dbc->priority)) != 0)
  goto err;
 root = NULL;
err:
 if
 (meta != NULL)
  if ((t_ret = __memp_fput(mpf, ip,
  meta, dbc->priority)) != 0 && ret == 0)
   ret = t_ret;
 if (root != NULL)
  if ((t_ret = __memp_fput(mpf, ip,
  root, dbc->priority)) != 0 && ret == 0)
   ret = t_ret;
 if ((t_ret = __LPUT(dbc, metalock)) != 0 && ret == 0)
  ret = t_ret;
 if (dbc != NULL)
  if ((t_ret = __dbc_close(dbc)) != 0 && ret == 0)
   ret = t_ret;
 return (ret);
}
```

1.8 mingetty 1.08

1.8.1 Available under license :

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1.9 pm-utils 1.4.1

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#

. "@PM-UTILS-LIBDIR@/pm-functions"

help_options()
{
 echo "pm-is-supported [--suspend | --hibernate | --suspend-hybrid ]"
 echo
}

ARG="$(echo ${1#--}|tr - _)"

case "$ARG" in
 suspend|hibernate|suspend_hybrid)
  "check_$ARG" ;;
 help)  help_options ;;
 *)  help_options 1>&2
  exit
 1 ;;
esac
```

1.10 tcp-wrappers 7.6

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1.11 dmidecode 3.5

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1.12 zeromq 4.2.3

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1.13 net-snmp 5.8

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1.15 bc 1.07

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1.18 os-release 1.0

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1.19 lm-sensors 3.4.0

1.19.1 Available under license :

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base64.cpp and base64.h

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Ren Nyffenegger rene.nyffenegger@adp-gmbh.ch

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1.30 lm-sensors 3.6.0

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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.
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1.31 openosc 1.0.5

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1.35 ncurses 6.3

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1.36 libedit 3.1

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1.37 bind 9.11.36

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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:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
  <xsl:if test="translate($rest, '&#9;&#32;', '')">
    <xsl:call-template name="isc.copyright.format">
     <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
 </xsl:template>

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

 <xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
   <xsl:with-param name="text">
     <xsl:for-each select="db:book/db:info/db:copyright | db:refentry/db:docinfo/db:copyright">
  <xsl:text>Copyright (C) </xsl:text>
  <xsl:call-template name="copyright.years">
   <xsl:with-param name="years" select="db:year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="db: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>
</xsl:stylesheet>

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

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1.38 fdisk 2.38.0

1.38.1 Available under license :

NR START END SECTORS SIZE NAME UUID
1 32 7679 7648 3.7M 8f8378c0-01
2 7680 16383 8704 4.3M 8f8378c0-02
5 7936 12799 4864 2.4M
6 12544 16127 3584 1.8M

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1.39 lua 5.4.4

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Upstream-Contact: Thorsten Kukuk <kukuk@thkukuk.de>
Source: https://github.com/thkukuk/libnsl

Files: debian/*
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Files: AUTHORS
configure.ac
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libnsl.pc.in
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NEWS
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src/Makefile.am
src/do_ypcall.c
src/internal.h
src/libnsl.map
src/nisplus/nis_error.c
src/taddr2host.c
src/taddr2ipstr.c
src/taddr2port.c
src/yp_first.c
src/yp_get_default_domain.c
src/yp_maplist.c
src/yp_master.c
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src/ypbinderr_string.c
src/yperr_string.c
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Files: src/libc-lock.h
src/nisplus/nis_add.c
src/nisplus/nis_addmember.c
src/nisplus/nis_call.c
src/nisplus/nis_callback.c
src/nisplus/nis_checkpoint.c
src/nisplus/nis_clone_dir.c
src/nisplus/nis_clone_obj.c
src/nisplus/nis_clone_res.c
src/nisplus/nis_creategroup.c
src/nisplus/nis_defaults.c
src/nisplus/nis_destroygroup.c
src/nisplus/nis_domain_of.c
src/nisplus/nis_domain_of_r.c
src/nisplus/nis_file.c
src/nisplus/nis_findserv.c
src/nisplus/nis_free.c
src/nisplus/nis_getservlist.c
src/nisplus/nis_hash.c

src/nisplus/nis_intern.h
src/nisplus/nis_ismember.c
src/nisplus/nis_local_names.c
src/nisplus/nis_lookup.c
src/nisplus/nis_mkdir.c
src/nisplus/nis_modify.c
src/nisplus/nis_ping.c
src/nisplus/nis_print.c
src/nisplus/nis_print_group_entry.c
src/nisplus/nis_remove.c
src/nisplus/nis_removemember.c
src/nisplus/nis_rmdir.c
src/nisplus/nis_server.c
src/nisplus/nis_subr.c
src/nisplus/nis_table.c
src/nisplus/nis_util.c
src/nisplus/nis_verifygroup.c
src/nisplus/nis_xdr.c
src/nisplus/nis_xdr.h
src/rpcsvc/nislib.h
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Files: src/rpcsvc/nis_callback.h
src/rpcsvc/nis_callback.x
src/rpcsvc/nis_object.x
src/rpcsvc/nis_tags.h
src/rpcsvc/nis.h
src/rpcsvc/nis.x
src/rpcsvc/yp.h
src/rpcsvc/yp.x
src/rpcsvc/yp_prot.h
src/rpcsvc/yppasswd.h
src/rpcsvc/yppasswd.x
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Files: compile
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    missing
    test-driver
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Files: install-sh
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Files: ltmain.sh
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Files: config.rpath
    m4/gettext.m4
    m4/host-cpu-c-abi.m4
    m4/iconv.m4
    m4/intlmacosx.m4
    m4/lib-ld.m4
    m4/lib-link.m4
    m4/lib-prefix.m4
    m4/libtool.m4
    m4/ltoptions.m4
    m4/ltsugar.m4
    m4/ltversion.m4
    m4/lt~obsolete.m4
    m4/nls.m4
    m4/po.m4
    m4/progtest.m4
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Files: ABOUT-NLS
po/Makefile.in.in
po/Makevars
po/POTFILES.in
po/Rules-quot
po/boldquot.sed
po/en@boldquot.header
po/en@quot.header
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1.41 tdb 1.46.5

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

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

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

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

image:  $(BSD_LIB)

$(BSD_LIB): $(OBJS)
 (cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
```

```
 $(MV) pic/$(BSD_LIB) .
 $(RM) -f ../$(BSD_LIB)
 (cd ..; $(LN) $(LINK_BUILD_FLAGS) \
  `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

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

install-strip: install

install-shlibs-strip:: install-shlibs

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

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

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

- trivial database library - private includes
-
- Copyright (C) Andrew Tridgell 2005
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Gadi Oxman, August 1995

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Theodore Ts'o
23-June-2007

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

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

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

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1.42 hd-parm 9.63

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1.45 ketopt 2019.4

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1.46 parson 1.1.3

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1.47 libatomic 10.3.0

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This is the Debian GNU/Linux prepackaged version of the GNU compiler
collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C,
Objective-C++, and Modula-2 compilers, documentation, and support
libraries. In addition, Debian provides the gm2 compiler, either in
the same source package, or built from a separate same source package.
Packaging is done by the Debian GCC Maintainers
<debian-gcc@lists.debian.org>, with sources obtained from:

ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)
svn://gcc.gnu.org/svn/gcc/ (for prereleases)
ftp://sourceware.org/pub/newlib/ (for newlib)
git://git.savannah.gnu.org/gm2.git (for Modula-2)

The current gcc-10 source package is taken from the SVN gcc-10-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language,
library, and documentation as follows:

Language Compiler package Library package Documentation

Ada
  gnat-10 libgnat-10 gnat-10-doc
BRIG gccbrig-10 libhsail-rt0
C gcc-10 gcc-10-doc
C++ g++-10 libstdc++6 libstdc++6-10-doc
D gdc-10
Fortran 95 gfortran-10 libgfortran5 gfortran-10-doc
Go gccgo-10 libgo0
Objective C gobjc-10 libobjc4
Objective C++ gobjc++-10
Modula-2 gm2-10 libgm2

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

Language	Sources	Development	Debugging	Position-Independent
C++		libstdc++6-10-dbg		libstdc++6-10-pic
D	libphobos-10-dev			

Additional packages include:

All languages:

libgcc1, libgcc2, libgcc4	GCC intrinsics (platform-dependent)
gcc-10-base	Base files common to all compilers
gcc-10-soft-float	Software floating point (ARM only)
gcc-10-source	The sources with patches

Ada:

libgnat-util10-dev, libgnat-util10	GNAT version library

C:

cpp-10, cpp-10-doc	GNU C Preprocessor
libssp0-dev, libssp0	GCC stack smashing protection library
libquadmath0	Math routines for the __float128 type
fixincludes	Fix non-ANSI header files

C, C++ and Fortran 95:

libgomp1-dev, libgomp1	GCC OpenMP (GOMP) support library
libitm1-dev, libitm1	GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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  gcc/emults.c, gcc/gbl-ctors.h, gcc/gcov-io.h, gcc/libgcov.c,
  gcc/tsystem.h, gcc/typeclass.h).
- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-10 Ada support library and libgnat-util10
 library.
- Various config files in gcc/config/ used in runtime libraries.
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Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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D:
gdc-10 GNU D Compiler
libphobos-10-dev D standard runtime library

The D source package is made up of the following components.

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- d/*

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The DMD Compiler implementation of the D programming language:
- d/dmd/*

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The Zlib data compression library:
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The Phobos standard runtime library:
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1.48 libcroco 0.6.13

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```
Name:           libcroco
Summary:        A CSS2 parsing library
Version:        0.6.13
Release:        1
License:        LGPLv2
Source:         http://download.gnome.org/sources/libcroco/0.6/%{name}-%{version}.tar.xz

Patch1:         0001-Disable-gtkdoc.patch

BuildRequires:  pkgconfig
BuildRequires:  glib2-devel
BuildRequires:  libxml2-devel

%description
CSS2 parsing and manipulation library for GNOME

%package devel
Summary:        Libraries and include files for developing with libcroco
Requires:       %{name} = %{version}-%{release}

%description devel
This package provides the necessary development libraries and include
files to allow you to develop with libcroco.

%prep
%setup -q -n %{name}-%{version}/%{name}
%patch1 -p1
```

```
%build
./autogen.sh --disable-static --prefix=%{_prefix}
make %{?_smp_mflags} CFLAGS="$CFLAGS -fno-strict-aliasing"

%install
%make_install
find $RPM_BUILD_ROOT -name
 '*.la' -exec rm -f {} ';'

%check
make check

%post -p /sbin/ldconfig

%postun -p /sbin/ldconfig

%files
%license COPYING COPYING.LIB
%doc AUTHORS NEWS README
%{_bindir}/csslint-0.6
%{_libdir}/*.so.*

%files devel
%{_libdir}/*.so
%{_includedir}/libcroco-0.6
%{_bindir}/croco-0.6-config
%{_libdir}/pkgconfig/libcroco-0.6.pc
```

Found in path(s):
* /sailfishos-libcroco-0-6-13-0-g1d0b526-tar-gz/sailfishos-libcroco-1d0b526/rpm/libcroco.spec

1.49 berkeley-db 5.3.28

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

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1.50 ipmi-tool 1.8.18

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1.51 unzip 6.0

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- -

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```
  * MoreFiles
  *
  * A collection of File Manager and related routines
  *
  * by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
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```
  *  MacBinaryIII.h
  *
  *  Copyright 1997 Christopher Evans (cevans@poppybank.com)
  *
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Regarding the first stipulation, Mr. Smith was tracked down in southern
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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
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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
Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows

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 The decompression core code for the deflate method (inflate.[ch],
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1.52 freeradius-client 1.1.7

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1.53 time 1.9

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Upstream-Contact: Pablo Neira Ayuso <pablo@netfilter.org>
Source: http://www.netfilter.org/projects/libmnl/files

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1.60 sysvinit-inittab 2.88dsf

1.60.1 Available under license :

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License: GPLv2

Found in path(s):
* /sysvinit-inittab-2.88dsf-r10.0.src.rpm-cosi-expand-archive-qTgsRCyW/sysvinit-inittab.spec

1.61 update-rc-d 0.8

1.61.1 Available under license :

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```
#!/bin/sh
#
# update-rc.d Update the links in /etc/rc[0-9S].d/
#
# (c) 2003, 2004 Phil Blundell <pb@handhelds.org>
#
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initd="/etc/init.d"
etcd="/etc/rc"
notreally=0
force=0
dostart=0
```

```
verbose=0

usage()
{
 cat >&2 <<EOF
usage: update-rc.d [-n] [-f] [-r <root>] <basename> remove
      update-rc.d [-n] [-r <root>] [-s] <basename> defaults [NN | sNN kNN]
      update-rc.d [-n] [-r <root>] [-s] <basename> start|stop NN runlvl [runlvl] [...] .
  -n: not
 really
  -f: force
  -v: verbose
  -r: alternate root path (default is /)
  -s: invoke start methods if appropriate to current runlevel
EOF
}

checklinks()
{
 local i dn fn remove=0
 if [ "x$1" = "xremove" ]; then
  echo " Removing any system startup links for $bn ..."
  remove=1
 fi

 for i in 0 1 2 3 4 5 6 7 8 9 S; do
  dn="${etcd}${i}.d"
  if [ ! -d $dn ]; then
   continue;
  fi
  for f in ${dn}/[SK]??${bn}; do
   if [ -L $f ]; then
    if [ $remove -eq 0 ]; then
     return 1
    fi
    echo "  $f"
    if [ $notreally -eq 1 ]; then
     continue
    fi
    rm $f
   fi
  done
 done

 return 0
}

dolink()
```

```
{
 startstop=$1
 lev=`echo $2 | cut -d/ -f1`
 nn=`echo $2 | cut -d/ -f2`
 fn="${etcd}${lev}.d/${startstop}${nn}${bn}"
 [ $verbose -eq 1 ] && echo "  $fn -> ../init.d/$bn"
 if [ $notreally -eq 0 ]; then
  mkdir -p `dirname $fn`
  ln -s ../init.d/$bn $fn
 fi
 if [ $dostart -eq 1 ] && [ $startstop = "S" ] && [ $lev = $RUNLEVEL ]; then
  $fn start || true
 fi
}

makelinks()
{
 if ! checklinks;
 then
  echo " System startup links for $initd/$bn already exist."
  if [ $dostart -eq 1 ] && [ $notreally -eq 0 ] && [ -L ${etcd}${RUNLEVEL}.d/S??${bn} ]; then
   ${etcd}${RUNLEVEL}.d/S??${bn} restart || true
  fi
  exit 0
 fi

 echo " Adding system startup for $initd/$bn."

 for i in $startlinks; do
  dolink S $i
 done
 for i in $stoplinks; do
  dolink K $i
 done
}

while [ $# -gt 0 ]; do
 case $1 in
  -n) notreally=1
   shift
   continue
   ;;
  -v) verbose=1
   shift
   continue
   ;;
  -f) force=1
   shift
```

```
  continue
  ;;
 -s) dostart=1
  shift
  continue
  ;;
 -r)     shift
  root=$1
  initd="${root}${initd}"
  etcd="${root}${etcd}"
  shift
  ;;
 -h | --help)
  usage
  exit 0
  ;;
 -*)
  usage
  exit 1
  ;;
 *)
  break
  ;;
 esac
done

if [ $# -lt 2 ]; then
 usage
 exit 1
fi

bn=$1
shift

sn=$initd/$bn
if [ -L "$sn" -a -n "$root" ]; then
 if which readlink >/dev/null; then
  while true; do
   linksn="$(readlink "$sn")"
   if [ -z "$linksn" ]; then
    break
   fi

   sn="$linksn"
   case
 "$sn" in
    /*) sn="$root$sn" ;;
    *)  sn="$initd/$sn" ;;
```

```
  esac
 done
else
 echo "update-rc.d: readlink tool not present, cannot check whether \
   $sn symlink points to a valid file." >&2
 fi
fi

if [ $1 != "remove" ]; then
 if [ ! -f "$sn" ]; then
  echo "update-rc.d: $initd/$bn: file does not exist" >&2
  exit 1
 fi
else
 if [ -f "$sn" ]; then
  if [ $force -eq 1 ]; then
   echo "update-rc.d: $initd/$bn exists during rc.d purge (continuing)" >&2
  else
   echo "update-rc.d: $initd/$bn exists during rc.d purge (use -f to force)" >&2
   exit 1
  fi
 fi
fi

if [ $dostart -eq 1 ]; then
 #RUNLEVEL=`sed 's/.*\[\(.*\)\]/\1/' < /proc/1/cmdline`
 RUNLEVEL=`runlevel | cut -d" " -f2`
 if [ "x$RUNLEVEL" = "x" ]; then
  echo "Unable to determine current runlevel" >&2
  exit 1
 fi
fi

case $1 in
 remove)
  checklinks "remove"
  ;;

 defaults)
  if [ $# -gt 3 ]; then
   echo "defaults takes only one or two arguments" >&2
   usage
   exit 1
  fi
  start=20
  stop=20
  if
```

```
[ $# -gt 1 ]; then
 start=$2
 stop=$2
fi
if [ $# -gt 2 ]; then
 stop=$3
fi
start=`printf %02d $start`
stop=`printf %02d $stop`
stoplinks="0/$stop 1/$stop 6/$stop"
startlinks="2/$start 3/$start 4/$start 5/$start"
makelinks
;;

start | stop)
while [ $# -gt 0 ]; do
 if [ $1 = "start" ]; then
  letter=S
 elif [ $1 = "stop" ]; then
  letter=K
 else
  echo "expected start or stop" >&2
  usage
  exit 1
 fi
 shift
 NN=`printf %02d $(expr $1 + 0)`
 shift
 while [ "x$1" != "x." ]; do
  if [ $# -eq 0 ]; then
   echo "action with list of runlevels not terminated by \`.'" >&2
   exit 1
  fi
  level=$1
  shift
  case $letter in
   S) startlinks="$startlinks $level/$NN" ;;
   K) stoplinks="$stoplinks $level/$NN" ;;
  esac
 done
 shift
done
makelinks
;;

*)
usage
exit 1
```

;;
esac

Found in path(s):
* /update-rc-d-0-8-e8e1267e-d911-11ea-8a10-0487ae13f3ca-tgz/update-rc-d-0-8-22e0692898-tar-bz2/update-rc.d-0.8-22e0692898/git/update-rc.d

1.62 iconv 2.35

1.62.1 Available under license :

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1.65 open-ldap 2.5.12

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1.66 python-ply 3.11

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* /ply-3-11-1-tar-gz/ply-3.11/ply/lex.py
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PLY (Python Lex-Yacc) Version 3.11

[![Build Status](https://travis-ci.org/dabeaz/ply.svg?branch=master)](https://travis-ci.org/dabeaz/ply)

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Introduction
============

PLY is a 100% Python implementation of the common parsing tools lex
and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.
  If you know how to use these tools in C, you will find PLY
  to be similar.

- PLY provides *very* extensive error reporting and diagnostic
  information to assist in parser construction. The original
  implementation was developed for instructional purposes. As
  a result, the system tries to identify the most common types
  of errors made by novice users.

- PLY provides full support for empty productions, error recovery,
  precedence specifiers, and moderately ambiguous grammars.

- Parsing is based on LR-parsing which is fast, memory efficient,
  better suited to large grammars, and which has a number of nice
  properties when dealing with syntax errors and other parsing problems.
  Currently, PLY builds its parsing tables using the LALR(1)
  algorithm used in yacc.

- PLY uses Python introspection features to build lexers and parsers.
  This greatly simplifies the task of parser construction since it reduces
  the number of files and eliminates the need to run a separate lex/yacc
  tool before running your program.

- PLY can be used to build parsers for "real" programming languages.
  Although it is not ultra-fast due to its Python implementation,
  PLY can be used to parse grammars consisting of several hundred
  rules (as might be found for a language like C). The lexer and LR
  parser are also reasonably efficient when parsing typically
  sized programs. People have used PLY to build parsers for
  C, C++, ADA, and other real programming languages.

How to Use
==========

PLY consists of two files : lex.py and yacc.py. These are contained
within the 'ply' directory which may also be used as a Python package.
To use PLY, simply copy the 'ply' directory to your project and import
lex and yacc from the associated 'ply' package. For example:

```
import ply.lex as lex
import ply.yacc as yacc
```

Alternatively, you can copy just the files lex.py and yacc.py
individually and use them as modules. For example:

```
import lex
import yacc
```

The file setup.py can be used to install
ply using distutils.

The file doc/ply.html contains complete documentation on how to use
the system.

The example directory contains several different examples including a
PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

Requirements
============
PLY requires the use of Python 2.6 or greater. However, you should
use the latest Python release if possible. It should work on just
about any platform. PLY has been tested with both CPython and Jython.
It also seems to work with IronPython.

Resources
=========
More information about PLY can be obtained on the PLY webpage at:

```
http://www.dabeaz.com/ply
```

For a detailed overview of parsing theory, consult the excellent
book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and
Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown
may also be useful.

The GitHub page for PLY can be found at:

```
https://github.com/dabeaz/ply
```

An old and
relatively inactive discussion group for PLY is found at:

http://groups.google.com/group/ply-hack

Acknowledgments
==========
A special thanks is in order for all of the students in CS326 who
suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x.
Andrew Waters and Markus Schoepflin were instrumental in reporting bugs
and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0
==========
PLY-3.0 the first PLY release to support Python 3. However, backwards
compatibility with Python 2.6 is still preserved. PLY provides dual
Python 2/3 compatibility by restricting its implementation to a common
subset of basic language features. You should not convert PLY using
2to3--it is not necessary and may in fact break the implementation.

Example
=======

Here is a simple example showing a PLY implementation
of a calculator
with variables.

```
# -----------------------------------------------------------------------------
# calc.py
#
# A simple calculator with variables.
# -----------------------------------------------------------------------------

tokens = (
    'NAME','NUMBER',
    'PLUS','MINUS','TIMES','DIVIDE','EQUALS',
    'LPAREN','RPAREN',
    )

# Tokens

t_PLUS    = r'\+'
t_MINUS   = r'-'
t_TIMES   = r'\*'
```

```
  t_DIVIDE  = r'/'
  t_EQUALS  = r'='
  t_LPAREN  = r'\('
  t_RPAREN  = r'\)'
  t_NAME    = r'[a-zA-Z_][a-zA-Z0-9_]*'

  def t_NUMBER(t):
      r'\d+'
      t.value = int(t.value)
      return t

  # Ignored characters
  t_ignore = " \t"

  def t_newline(t):
      r'\n+'
      t.lexer.lineno += t.value.count("\n")

  def t_error(t):
      print("Illegal character '%s'" % t.value[0])
      t.lexer.skip(1)

  # Build the lexer
  import ply.lex as lex
  lex.lex()

  # Precedence
rules for the arithmetic operators
  precedence = (
      ('left','PLUS','MINUS'),
      ('left','TIMES','DIVIDE'),
      ('right','UMINUS'),
      )

  # dictionary of names (for storing variables)
  names = { }

  def p_statement_assign(p):
      'statement : NAME EQUALS expression'
      names[p[1]] = p[3]

  def p_statement_expr(p):
      'statement : expression'
      print(p[1])

  def p_expression_binop(p):
      '''expression : expression PLUS expression
                    | expression MINUS expression
```

```
                | expression TIMES expression
                | expression DIVIDE expression'''
    if p[2] == '+'  : p[0] = p[1] + p[3]
    elif p[2] == '-': p[0] = p[1] - p[3]
    elif p[2] == '*': p[0] = p[1] * p[3]
    elif p[2] == '/': p[0] = p[1] / p[3]

  def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]

  def p_expression_group(p):
    'expression : LPAREN
expression RPAREN'
    p[0] = p[2]

  def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]

  def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:
        print("Undefined name '%s'" % p[1])
        p[0] = 0

  def p_error(p):
    print("Syntax error at '%s'" % p.value)

  import ply.yacc as yacc
  yacc.yacc()

  while True:
    try:
        s = raw_input('calc > ')   # use input() on Python 3
    except EOFError:
        break
    yacc.parse(s)
```

Bug Reports and Patches
=======================
My goal with PLY is to simply have a decent lex/yacc implementation
for Python. As a general rule, I don't spend huge amounts of time
working on it unless I receive very specific bug reports and/or
patches to fix problems. I also try to incorporate submitted feature

requests and enhancements into each new version. Please visit the PLY
github page
 at https://github.com/dabeaz/ply to submit issues and pull
requests. To contact me about bugs and/or new features, please send
email to dave@dabeaz.com.

-- Dave

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* /ply-3-11-1-tar-gz/ply-3.11/README.md
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Metadata-Version: 1.1
Name: ply
Version: 3.11
Summary: Python Lex & Yacc
Home-page: http://www.dabeaz.com/ply/
Author: David Beazley
Author-email: dave@dabeaz.com
License: BSD
Description-Content-Type: UNKNOWN
Description:
    PLY is yet another implementation of lex and yacc for Python. Some notable
    features include the fact that its implemented entirely in Python and it
    uses LALR(1) parsing which is efficient and well suited for larger grammars.

    PLY provides most of the standard lex/yacc features including support for empty
    productions, precedence rules, error recovery, and support for ambiguous grammars.

    PLY is extremely easy to use and provides very extensive error checking.
    It is compatible with both Python 2 and Python 3.

Platform: UNKNOWN
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python
 :: 2

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1.67 syslog-ng 3.36.1

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```
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syslog-ng/
syslog-ng-ctl/
```

persist-tool/
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====

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Q: Do I need to sign a Contributory License Agreement in order for my contribution to be accepted?

A: No, starting with syslog-ng 3.2, you don't need to sign a CLA in order to have your contributions accepted.

Q: Is it possible to create non-free plugins for syslog-ng?

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Q: Who is permitted to create non-free plugins for syslog-ng?
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A: No, everyone including BalaBit.

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Otherwise, if the work is a derivative of the Library, you may
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1.68 pyasn1 0.4.8

1.68.1 Available under license :

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ASN.1 library for Python

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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.

```python
>>> 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 serialised 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('{} is {}'.format(field, 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
room=321
>>>
```

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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ASN.1 library for Python
========================

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Abstract Syntax Notation One (`ASN.1
<http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x>`_) 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 become 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 <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/protocol-buffers/>`_
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

.. toctree::
  :maxdepth: 2

  /pyasn1/contents

Use case

.. toctree::
  :maxdepth: 2

  /example-use-case

Download & Install

.. toctree::
  :maxdepth: 2

  /download

Changes

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::
:maxdepth: 1

/changelog

License

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Getting help

Please, file your `issues <https://github.com/etingof/pyasn1/issues>`_
and `PRs <https://github.com/etingof/pyasn1/pulls>`_ at GitHub.
Alternatively, you could ask for help at
`Stack Overflow <http://stackoverflow.com/questions/tagged/pyasn1>`_
or search
`pyasn1-users <https://lists.sourceforge.net/lists/listinfo/pyasn1-users>`_
mailing list archive.

Books on ASN.1

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
* `ASN.1 Complete <http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>`_ by Prof John Larmouth

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

* `ITU standards
<http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>`_

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

* `A Layman's Guide to a Subset of ASN.1, BER, and DER <ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>`_ by Burton S. Kaliski

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

book on the subject.

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1.69 bzip2 1.0.8

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bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.70 libcap-ng 0.8.2

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as the successor of the GNU Library Public License, version 2, hence
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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes
a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting
the free library to free
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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 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.

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

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1.73 net-tools 2.10

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1.74 python3-bcrypt 3.2.0

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1.75 python-chardet 4.0.0

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1.78 curl 7.79.1

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1.79 python3-appdirs 1.4.4

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1.80 python3-hyperlink 21.0.0

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1.81 procps 3.3.17

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1.87 sed 4.8

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1.96 attr 2.5.1

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```

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1.100 re2 2020.11.01

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1.101 dosfs-tools 4.2

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

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

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

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using

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

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

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

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

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

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

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@enumerate 0
@item

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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 copy and distribute
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@item

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

@enumerate a
@item
The modified work must itself be a software library.

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

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

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

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

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

Thus, it is not the intent of this section to claim rights or contest

your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.

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

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

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

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

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

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

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

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

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

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

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

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

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

@enumerate a
@item
Accompany the work with the complete corresponding

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

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

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

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

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

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

 It may happen that this requirement contradicts the license

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

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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:

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

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

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page
@subheading How to Apply These Terms to Your New Libraries

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@end
smallexample

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@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
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@item
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part thereof, to be licensed as a whole at no charge to all third
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@item
If the modified 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.)
@end enumerate

These requirements apply to the modified work as
a whole. If
identifiable sections of that work are not derived from the Program,
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themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
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on the Program, 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 Program.

In addition, mere aggregation of another work not based on the Program
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@item
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@enumerate a
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source code, which must be distributed under the terms of Sections
1 and 2 above on a medium customarily used for software interchange; or,

@item
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,

@item
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.)
@end enumerate

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.

If distribution of executable or 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 counts
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@page
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and a brief idea of what it does.}
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@end smallexample

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@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
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- the GNU.Gettext.dll C# library,
- the gettext.sh shells script function library.

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Version 2.1, February 1999

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Random Hacker.

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

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Version 3, 29 June 2007

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

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This option is useful when you wish to copy part of the code of the
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1.107 popt 1.18

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diff -Naur archiver-work.orig/temp/run.do_patch.20509 archiver-work.patched/temp/run.do_patch.20509
--- archiver-work.orig/temp/run.do_patch.20509 1970-01-01 00:00:00.000000000 +0000
+++ archiver-work.patched/temp/run.do_patch.20509 2019-10-10 16:44:40.842809139 +0000
@@ -0,0 +1,73 @@
+def do_patch(d):
+    bb.build.exec_func('patch_do_patch', d)
+
+do_patch(d)
+
+def patch_do_patch(d):
```

```
+
  import oe.patch
+
+   patchsetmap = {
+       "patch": oe.patch.PatchTree,
+       "quilt": oe.patch.QuiltTree,
+       "git": oe.patch.GitApplyTree,
+   }
+
+   cls = patchsetmap[d.getVar('PATCHTOOL') or 'quilt']
+
+   resolvermap = {
+       "noop": oe.patch.NOOPResolver,
+       "user": oe.patch.UserResolver,
+   }
+
+   rcls = resolvermap[d.getVar('PATCHRESOLVE') or 'user']
+
+   classes = {}
+
+   s = d.getVar('S')
+
+   os.putenv('PATH', d.getVar('PATH'))
+
+   # We must use one TMPDIR per process so that the "patch" processes
+   # don't generate the same temp file name.
+
+   import tempfile
+   process_tmpdir = tempfile.mkdtemp()
+   os.environ['TMPDIR'] = process_tmpdir
+
+   for patch in src_patches(d):
+       _, _, local, _, _, parm = bb.fetch.decodeurl(patch)
+
+       if "patchdir" in parm:
+           patchdir = parm["patchdir"]
+           if not os.path.isabs(patchdir):
+               patchdir = os.path.join(s, patchdir)
+
  else:
+           patchdir = s
+
+       if not patchdir in classes:
+           patchset = cls(patchdir, d)
+           resolver = rcls(patchset, oe_terminal)
+           classes[patchdir] = (patchset, resolver)
+           patchset.Clean()
+       else:
```

```
+            patchset, resolver = classes[patchdir]
+
+        bb.note("Applying patch '%s' (%s)" % (parm['patchname'], oe.path.format_display(local, d)))
+        try:
+            patchset.Import({"file":local, "strippath": parm['striplevel']}, True)
+        except Exception as exc:
+            bb.utils.remove(process_tmpdir, True)
+            bb.fatal(str(exc))
+        try:
+            resolver.Resolve()
+        except bb.BBHandledException as e:
+            bb.utils.remove(process_tmpdir, True)
+            bb.fatal(str(e))
+
+    bb.utils.remove(process_tmpdir, True)
+    del os.environ['TMPDIR']
+
+def src_patches(d, all=False, expand=True):
+    import oe.patch
+    return oe.patch.src_patches(d, all, expand)
+
diff
 -Naur archiver-work.orig/temp/run.patch_do_patch.20509 archiver-work.patched/temp/run.patch_do_patch.20509
--- archiver-work.orig/temp/run.patch_do_patch.20509 1970-01-01 00:00:00.000000000 +0000
+++ archiver-work.patched/temp/run.patch_do_patch.20509 2019-10-10 16:44:40.843809151 +0000
@@ -0,0 +1,70 @@
+def patch_do_patch(d):
+    import oe.patch
+
+    patchsetmap = {
+        "patch": oe.patch.PatchTree,
+        "quilt": oe.patch.QuiltTree,
+        "git": oe.patch.GitApplyTree,
+    }
+
+    cls = patchsetmap[d.getVar('PATCHTOOL') or 'quilt']
+
+    resolvermap = {
+        "noop": oe.patch.NOOPResolver,
+        "user": oe.patch.UserResolver,
+    }
+
+    rcls = resolvermap[d.getVar('PATCHRESOLVE') or 'user']
+
+    classes = {}
+
+    s = d.getVar('S')
+
```

```
+    os.putenv('PATH', d.getVar('PATH'))
+
+    # We must use one TMPDIR per process so that the "patch" processes
+    # don't generate the same temp file name.
+
+    import tempfile
+    process_tmpdir = tempfile.mkdtemp()
+
    os.environ['TMPDIR'] = process_tmpdir
+
+    for patch in src_patches(d):
+        _, _, local, _, _, parm = bb.fetch.decodeurl(patch)
+
+        if "patchdir" in parm:
+            patchdir = parm["patchdir"]
+            if not os.path.isabs(patchdir):
+                patchdir = os.path.join(s, patchdir)
+        else:
+            patchdir = s
+
+        if not patchdir in classes:
+            patchset = cls(patchdir, d)
+            resolver = rcls(patchset, oe_terminal)
+            classes[patchdir] = (patchset, resolver)
+            patchset.Clean()
+        else:
+            patchset, resolver = classes[patchdir]
+
+        bb.note("Applying patch '%s' (%s)" % (parm['patchname'], oe.path.format_display(local, d)))
+        try:
+            patchset.Import({"file":local, "strippath": parm['striplevel']}, True)
+        except Exception as exc:
+            bb.utils.remove(process_tmpdir, True)
+            bb.fatal(str(exc))
+        try:
+            resolver.Resolve()
+
       except bb.BBHandledException as e:
+            bb.utils.remove(process_tmpdir, True)
+            bb.fatal(str(e))
+
+    bb.utils.remove(process_tmpdir, True)
+    del os.environ['TMPDIR']
+
+patch_do_patch(d)
+
+def src_patches(d, all=False, expand=True):
+    import oe.patch
```

+ return oe.patch.src_patches(d, all, expand)
+

Found in path(s):
* /initscripts-1-0-r155-tar-bz2/initscripts-1.0-r155-diff.gz.dir/initscripts-1.0-r155-diff

1.110 tcl 8.6.11

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>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> [incr Tcl] <<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

AUTHOR: Michael J. McLennan
        Bell Labs Innovations for Lucent Technologies
        mmclennan@lucent.com
        http://www.tcltk.com/itcl
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That's all there is to it!
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.

Last but not least: thanks to everyone who provided bits of information,
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
rectify the situation as quickly as possible.

1.112 bc 1.07.1

1.112.1 Available under license :

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1.113 json-c 0.15

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1.114 jansson 2.13.1

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1.115 fontconfig 2.13.1

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1.116 python 2.7.18

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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, 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
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releases have also been GPL-compatible; the table below summarizes
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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes

2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now		
PSF	yes			

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
because its license has a choice of law clause. According to
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Thanks to the many outside volunteers who have worked under Guido's
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Version 3, 29 June 2007

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1.119 openosc 1.0.5

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1.120 expat 2.5.0

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1.121 protobuf 3.21.6

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This file contains a list of people who have made large contributions
to the public version of Protocol Buffers.

Original Protocol Buffers design and implementation:
Sanjay Ghemawat <sanjay@google.com>
Jeff Dean <jeff@google.com>
Daniel Dulitz <daniel@google.com>
Craig Silverstein
Paul Haahr <haahr@google.com>
Corey Anderson <corin@google.com>
(and many others)

Proto2 C++ and Java primary author:
Kenton Varda <kenton@google.com>

Proto2 Python primary authors:
Will Robinson <robinson@google.com>
Petar Petrov <petar@google.com>

Java Nano primary authors:
Brian Duff <bduff@google.com>
Tom Chao <chaot@google.com>
Max Cai <maxtroy@google.com>
Ulas Kirazci <ulas@google.com>

Large code contributions:
Jason Hsueh <jasonh@google.com>
Joseph Schorr <jschorr@google.com>
Wenbo Zhu <wenboz@google.com>

Large quantity of code reviews:
Scott Bruce <sbruce@google.com>

Frank Yellin
Neal Norwitz <nnorwitz@google.com>
Jeffrey Yasskin <jyasskin@google.com>
Ambrose
Feinstein <ambrose@google.com>

Documentation:
Lisa Carey <lcarey@google.com>

Maven packaging:
Gregory Kick <gak@google.com>

Patch contributors:
Kevin Ko <kevin.s.ko@gmail.com>
  * Small patch to handle trailing slashes in --proto_path flag.
Johan Euphrosine <proppy@aminche.com>
  * Small patch to fix Python CallMethod().
Ulrich Kunitz <kune@deine-taler.de>
  * Small optimizations to Python serialization.
Leandro Lucarella <llucax@gmail.com>
  * VI syntax highlighting tweaks.
  * Fix compiler to not make output executable.
Dilip Joseph <dilip.antony.joseph@gmail.com>
  * Heuristic detection of sub-messages when printing unknown fields in
    text format.
Brian Atkinson <nairb774@gmail.com>
  * Added @Override annotation to generated Java code where appropriate.
Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>
  * Tru64 support.
Monty Taylor <monty.taylor@gmail.com>
  * Solaris 10 + Sun Studio fixes.
Alek Storm <alek.storm@gmail.com>

  * Slicing support for repeated scalar fields for the Python API.
Oleg Smolsky <oleg.smolsky@gmail.com>
  * MS Visual Studio error format option.
  * Detect unordered_map in stl_hash.m4.
Brian Olson <brianolson@google.com>
  * gzip/zlib I/O support.
Michael Poole <mdpoole@troilus.org>
  * Fixed warnings about generated constructors not explicitly initializing
    all fields (only present with certain compiler settings).
  * Added generation of field number constants.
Wink Saville <wink@google.com>
  * Fixed initialization ordering problem in logging code.
Will Pierce <willp@nuclei.com>
  * Small patch improving performance of in Python serialization.
Alexandre Vassalotti <alexandre@peadrop.com>

* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).
Scott Stafford <scott.stafford@gmail.com>
* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.
Alexander Melnikov <alm@sibmail.ru>
* HPUX support.
Oliver Jowett <oliver.jowett@gmail.com>
* Detect whether zlib is new enough in configure script.
* Fixes for Solaris 10 32/64-bit confusion.
Evan Jones <evanj@mit.edu>
* Optimize Java serialization code when writing a small message to a stream.
* Optimize Java serialization of strings so that UTF-8 encoding happens only
once per string per serialization call.
* Clean up some Java warnings.
* Fix bug with permanent callbacks that delete themselves when run.
Michael Kucharski <m.kucharski@gmail.com>
* Added CodedInputStream.getTotalBytesRead().
Kacper Kowalik <xarthisius.kk@gmail.com>
* Fixed m4/acx_pthread.m4 problem for some Linux distributions.
William Orr <will@worrbase.com>
* Fixed detection of sched_yield on Solaris.
* Added atomicops for Solaris
Andrew Paprocki <andrew@ishiboo.com>
* Fixed minor IBM xlC compiler build issues
* Added atomicops for AIX (POWER)
Nipunn Koorapati <nipunn1313@gmail.com>
* Provide a type alias field ValueType
on EnumTypeWrapper
* Match service argument names to abstract interface

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1.122 xoslib 8.0.0.21

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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/examples/src/interface/xos_if_eg.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_if_event.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_if_handle.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_if_lnx.h/*

/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_if_nxos.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_if_shim.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_infra.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_ipc.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_list.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_magic.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_md5.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_mem_mgmt.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_mem_named.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_mgd_timers.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_netinfra.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_netinfra_nxos.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_pak.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_pak_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_passive_timers.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_plc.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_plc_action.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_plc_c3pl.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_plc_match.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_plc_shim.h/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_plc_types.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_ppm.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_queue.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_radix.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_random.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_rbtree.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_registry.h/*

/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_rtg.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_rtg_event.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_rtg_l3_ucast.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_rtg_shim.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_sm.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_sm_compile.h/**
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_sysinfo.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_thread.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_time_utils.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_time_utils_base.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_timer_wheels.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_types.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_vrf.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xos_vrf_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xos_wavl.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/include/xtf.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/include/xtf_event_checker.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/linux/include/xos_if_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/linux/include/xos_pak_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/linux/include/xos_vrf_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/m4/ax_cflags_gcc_option.m4#
==========
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/internal_inc/xos_atomic_internal.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/internal_inc/xos_magic_internal.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/internal_inc/xos_mem_named_internal.h
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/internal_inc/xos_mem_shm_internal.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/internal_inc/xos_thread_internal.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-

8.0.0.21/shared/internal_inc/xos_util_internal.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_attr.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_debug.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_fc.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_msg.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_sig.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ipc_sig_condvar.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ring.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/ipc/xos_ring.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_mgmt.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_mgmt_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_named.c/*----------
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_named_internal.c
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_named_priv.h/*----------
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_safe_shm.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_shm_priv.h/**
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_vchunk.c/*----------
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/memory/xos_mem_vchunk_priv.h
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/net/xos_addr_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/net/xos_addr_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-

8.0.0.21/shared/src/net/xos_async.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_async_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if_lnx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if_lnx_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_if_shim.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_netinfra_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_pak.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_pak_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_pak_lnx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_pak_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_pak_priv_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_plc.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_plc_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_plc_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_plc_shim.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_rtg.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_rtg_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_rtg_shim.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_vrf.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-

8.0.0.21/shared/src/net/xos_vrf_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_vrf_lnx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/net/xos_vrf_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/sysinfo/xos_sysinfo.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/sysinfo/xos_sysinfo_lnx.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/sysinfo/xos_sysinfo_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/threads/xos_thread.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/threads/xos_thread_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_mgd_timers.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_mgd_timers_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_mgd_timers_non_ion_posix.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_mgd_timers_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_passive_timers.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_passive_timers_priv.h/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_time_utils_base_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_time_utils_common.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/time/xos_timer_wheels_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utils/xos_atomic.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utils/xos_atomic_mips.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-

8.0.0.21/shared/src/utils/xos_atomic_ppc.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utils/xos_atomic_x86_64bi.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utils/xos_cerr_cerrnos.h/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/utils/xos_intrpt_priv.h/*
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8.0.0.21/shared/src/utils/xos_lib_init.c/**
****
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
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8.0.0.21/shared/src/utils/xos_radix.c/*
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8.0.0.21/shared/src/utils/xos_random.c/*--
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8.0.0.21/shared/src/utils/xos_rbtree.c/*
 $Id: rbtree.c,v 1.5 1999/03/18 01:24:22 richl Exp $
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utils/xos_rbtree_priv.h/* $Id: rbtree.h,v 1.2 1998/10/06 01:06:52 kparne Exp $
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utils/xos_registry.c/**
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/utils/xos_sm.c/**
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8.0.0.21/shared/src/utils/xos_strings.c/*---
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8.0.0.21/shared/src/utils/xos_strings.h/*---
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8.0.0.21/shared/src/utils/xos_wavl.c/*
 $Id: wavl.c,v 3.2.62.4 1996/09/07 02:08:29 snyder Exp $
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8.0.0.21/shared/src/xdm/exec_show_xos_dm.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_cli_priv.h/* $Id:
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_debug.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/shared/src/xdm/xos_dm_io_kq.c/*

/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/xdm/xos_dm_io_lnx.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/xdm/xos_dm_priv.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/xdm/xos_dm_priv_lnx.h/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/xdm/xos_dm_timers_lnx.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/shared/src/xdt/xos_debug_log_lnx.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/infra/xos_test_main.c/*
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-

8.0.0.21/test/src/net/xos_netinfra_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/net/xos_pak_test.c/*
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/*
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8.0.0.21/test/src/utils/xos_rbtree_test.c
/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utils/xos_rbtree_test_priv.h/*
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8.0.0.21/test/src/utils/xos_reg_test.c/**
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8.0.0.21/test/src/utils/xos_reg_test.h/**
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utils/xos_reg_test.xreg#if 1 /*
CHECKSUM: checksum visible to CC when included in _xreg[ch] files */
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utils/xos_reg_test.xregc/* This file is machine generated from xos_reg_test.xreg.
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utils/xos_reg_test.xregh/* This file is machine generated from xos_reg_test.xreg.
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
8.0.0.21/test/src/utils/xos_sm_basic_test.c/*
/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-
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/opt/cola/permits/1447739708_1759119893.2400212/0/xoslib-8-0-0-21-tar-gz/xoslib-8.0.0.21/test/src/xdt/xos_debug_trace_test.c/*

Found
in path(s):
*

1.123 u-boot 2010.06

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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.

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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.

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

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

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

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

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

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

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

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END OF TERMS AND CONDITIONS

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

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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 model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

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

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The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates

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Version 3, 29 June 2007

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

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

K. Richard Pixley maintained gas for a while, adding various
enhancements and many bug fixes, including merging support for several
processors, breaking gas up to handle multiple object file format
backends (including heavy rewrite, testing, an integration of the coff
and b.out backends), adding configuration
including heavy testing and
verification of cross assemblers and file splits and renaming,
converted gas to strictly ansi C including full prototypes, added
support for m680[34]0 & cpu32, considerable work on i960 including a
coff port (including considerable amounts of reverse engineering), a
sparc opcode file rewrite, decstation, rs6000, and hp300hpux host
ports, updated "know" assertions and made them work, much other
reorganization, cleanup, and lint.

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The original Vax-VMS support was contributed by David L. Kashtan.
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Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of
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Knowles at the Open Software Foundation wrote the original MIPS
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Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors
(tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format
(obj-ieee), was written by Steve Chamberlain of Cygnus Solutions.
Steve also modified the COFF back end (obj-coffbfd) to use BFD for
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John Gilmore built the AMD 29000 support, added .include support, and
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Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

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

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

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

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

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

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

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

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't
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 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
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sharing, because most developers did not use the libraries. We
concluded that weaker conditions might promote sharing better.

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be optional: if the application does not supply it, the square

root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of
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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 model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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

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

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

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

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

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

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

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

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

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

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

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

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply

a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

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

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

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

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

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

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

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library

facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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

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

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

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

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

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

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Version 2.1, February 1999

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[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

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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.

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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.

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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.

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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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TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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program which contains a notice placed by the copyright holder or
other authorized party saying it may be distributed under the terms of
this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

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

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

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

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

1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium, provided that

you conspicuously and appropriately publish
on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

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

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

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

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

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

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

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

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

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

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

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

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

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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Version 3, 29 June 2007

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of using an interface provided by the Library.

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a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

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c) For a Combined Work that displays copyright
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suitable for, and under terms that permit, the user to
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terms of your
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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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with the library, after making changes
to the library and recompiling
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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
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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
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permit developers of non-free programs to use free libraries, while
preserving your freedom as a user of such programs to change the free
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b) You must cause the files modified to carry prominent notices

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

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

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.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of

the object
file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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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b) Accompany the work
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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.

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For an executable, the required form of the "work that uses the
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that part of it is a work based on the
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where to find the accompanying uncombined form of the same work.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

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

<one line to give the library's name and a brief idea of what it does.>
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish

to avoid the special danger that patents applied to a free program
could make it effectively proprietary.
To prevent this, the GPL
assures that patents cannot be used to render the program non-free.

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

@heading TERMS AND CONDITIONS

@enumerate 0
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the earlier work or a work ``based on'' the earlier work.

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on the Program.

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public, and in some countries other activities as well.

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presents a list of user commands or options, such as a
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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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to copy the Corresponding Source from a network
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received the object code with such an offer, in accord with subsection
6b.

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Convey the object code by offering access from a designated place
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ensure that it is available for as long as needed to
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@end enumerate

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1.129 lvm2 1.02.175

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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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1.131 golang 1.19.4

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1.133 perl 5.34.1

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

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language
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1.136 perl 5.34.0

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

That's all there is to it!

1.137 libtasn 4.17.0

1.137.1 Available under license :

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Found in path(s):
* /keymaps-1-0-r31-tar-bz2/keymaps-1.0-r31/GPLv2.patch
```

1.144 tunctl 1.5

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```
Name:         tunctl
Version:      1.5
Release:      1
Summary:       Create and remove virtual network interfaces

Group:        Applications/System
License:      GPL+
URL:          http://tunctl.sourceforge.net/
Source0:       http://downloads.sourceforge.net/tunctl/tunctl-%{version}.tar.gz
BuildRoot:     %{_tmppath}/%{name}-%{version}-%{release}-root-%(%{__id_u} -n)

BuildRequires:  docbook-utils

%description
Virtual network interface manipulation tool from User Mode Linux project.

%prep
%setup

%build
make

%install
rm -rf $RPM_BUILD_ROOT
make DESTDIR=$RPM_BUILD_ROOT install

%clean
rm -rf $RPM_BUILD_ROOT


%files
%defattr(-,root,root,-)
%{_mandir}/man8/tunctl.8*
%{_sbindir}/tunctl
%doc ChangeLog

%changelog
* Wed Jul  9 2008 Henrik Nordstrom <henrik@henriknordstrom.net> 1.5-1
- Update to version 1.5

* Tue Jul  8 2008 Henrik Nordstrom <henrik@henriknordstrom.net> 1.4-3
- Packaged tunctl as a upstream
 package of it's own

* Tue Mar 25 2008 Lubomir Kundrak <lkundrak@redhat.com> 1.4-2
```

- Move to sbin (Marek Mahut, #434583)

* Fri Feb 22 2008 Lubomir Kundrak <lkundrak@redhat.com> 1.4-1
- Initial packaging

Found in path(s):
* /tunctl-1-5-1-tar-gz/tunctl-1.5/tunctl.spec
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/* Copyright 2002 Jeff Dike
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*/

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1.145 numactl 2.0.16

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1.149 cpprest 2.10.18

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base64.cpp and base64.h

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sha1.hpp is a repackaging of the sha1.cpp and sha1.h files from the shallsha1
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md5.hpp is a reformulation of the md5.h and md5.c code from
http://www.opensource.apple.com/source/cups/cups-59/cups/md5.c to allow it to
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L. Peter Deutsch
ghost@aladdin.com

****** UTF8 Validation logic (utf8_validation.hpp) ******

utf8_validation.hpp is adapted from code originally written by Bjoern Hoehrmann
<bjoern@hoehrmann.de>. See http://bjoern.hoehrmann.de/utf-8/decoder/dfa/ for
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Microsoft Corporation
Brian Wengert (bwengert79)
Leslie Brody (Les1966)
Michael M (M1xa)
Matt Peterson (MattPeterson1)
Dmitry Kolomiets (kolomiets)
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Jesse Towner (jwtowner)

Abinsula s.r.l.
Gianfranco Costamagna (LocutusOfBorg)

AutoDesk Inc.
Cyrille Fauvel (cyrillef)

Illumina Inc.
Gery Vessere (gery@vessere.com)

Cisco Systems
Gergely Lukacsy (glukacsy)
Chris Deering (deeringc)

Ocedo GmbH
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Tim Boundy (gigaplex)

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Christian Deneke (chris0x44)

leetal

Benjamin Lee (mobileben)
Ren Meusel (reneme)

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1.150 cpp 11.4.0

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DRuntime: Runtime Library for the D Programming Language
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1.152 runc 1.1.12

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1.153 python3-pyopenssl 22.0.0

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1.154 python3-pycparser 2.21

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1.155 sedutil 1.20.0

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1.157 openssl 1.1.1y

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* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
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* Software Development Group
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* University of Illinois at Urbana-Champaign
* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
*
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```
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     ===============

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Thanks to the following people for their input:
 Mike Belshe (mbelshe@netscape.com)
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*/
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href="http://httpd.apache.org/lists.html">mailing lists.
<script type="text/javascript"><!--//--><![CDATA[//><!--
var comments_shortname = 'httpd';
var comments_identifier = 'http://httpd.apache.org/docs/2.4/license.html';
(function(w, d) {
  if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
    d.write(' <\/div>');
    var s = d.createElement('script');
    s.type = 'text/javascript';
    s.async = true;
    s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortname + '&page=' +
comments_identifier;
    (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);

```
  }
  else {
    d.write('<div id="comments_thread">Comments are disabled for this page at the moment.<\/div>');
  }
})(window, document);
//--><!]]></script></div><div id="footer">
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href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="./glossary.html">Glossary</a> | <a
href="./sitemap.html">Sitemap</a></p></div><script type="text/javascript"><!--//--><![CDATA[//><!--
if (typeof(prettyPrint) !== 'undefined') {
  prettyPrint();
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1.158 common-base3 1.0

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

/common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/common.pyo: binary file matches
/common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/multi_connect_base.pyo: binary file matches

Found in path(s):
* /bin/grep
No license file was found, but licenses were detected in source scan.

Metadata-Version: 1.0
Name: common-base
Version: 1.0
Summary: common-base
Home-page: UNKNOWN
Author: UNKNOWN
Author-email: UNKNOWN
License: UNKNOWN
Description: UNKNOWN
Platform: UNKNOWN

Found in path(s):
* /common-base3-1-0-tar-gz/common-base3-1.0/EGG-INFO/PKG-INFO
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/provisioner_service.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/diagnostic_archive_util.py

* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/enum.py
* /common-base3-1-0-tar-gz/common-base3-1.0/upgrade_base/__init__.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/product.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/tests/test.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/nameservice.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/transfer_proto/ftp.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/transfer_proto/__init__.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/transfer_proto/tftp.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/base_message_server.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/mq_coroutine_server.py
*
/common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/base_conf.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/multi_connect_client.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/log.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/encryption_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/multi_connect_base.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/daemon.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/clear_password_fields.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/socket_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/mq_client.py
* /common-base3-1-0-tar-gz/common-base3-1.0/upgrade_base/upgrade_server.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/provisioner_events.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/mq_coroutine_client.py
*
/common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/name_svc_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/transfer_proto/base_transfer_proto.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/base.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/mq_server.py
* /common-base3-1-0-tar-gz/common-base3-1.0/upgrade_base/upgrade_client.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/multi_connect_coroutine_client.py
* /common-base3-1-0-tar-gz/common-base3-
1.0/common_base/messageq/tests/tests_asa_provisioner_service_provider.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/product.py.orig
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/asa_provisoner_service_provider.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/transfer_proto/http.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/tests/__init__.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/name_server.py
*
/common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/common.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/auth_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/daemon.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/__init__.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/console_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/messageq/base_message_client.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/util/db_version_util.py
* /common-base3-1-0-tar-gz/common-base3-1.0/common_base/commandd/client.py

1.159 qed-drv 8.59.10.0

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1.160 qede-drv 8.59.10.0

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*
*  Petr Vandrovec <vandrove@vc.cvut.cz>:
```

```
*          -grayscale, -rgba, -nonstd, VGA modes reporting
*
*  Brad Midgley <brad@exodus.pht.com>:
*          -match
*
*/
```

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1.169 jsmn 6572217a0e71fdc13c9ea5571203187f383665e0

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1.171 mongoose-web-server 3.5

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1.172 pythonurllib 1.26.18

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1.173 openssh 9.8p1

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*
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* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c

lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/mechglue/g_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
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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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Authors:

Vyacheslav Trushkin
Boian Bonev

Distributor:

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https://github.com/Tomas-M/iotop

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```

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1.179 gpt-fdisk 1.0.8

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1.180 libtraceevent 1.8.2

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libtraceevent(3)
==========

NAME
---
tep_get_any_field_val, tep_get_common_field_val, tep_get_field_val,
tep_get_field_raw - Get value of a field.

SYNOPSIS

[verse]
--
#include <event-parse.h>
#include <trace-seq.h>

int *tep_get_any_field_val*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char
pass:[*]_name_, struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
int *tep_get_common_field_val*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char
pass:[*]_name_, struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
int *tep_get_field_val*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char pass:[*]_name_,
struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
void pass:[*]*tep_get_field_raw*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_,
 const char pass:[*]_name_, struct tep_record pass:[*]_record_, int pass:[*]_len_, int _err_);
--

DESCRIPTION

These functions can be used to find a field and retrieve its value.

The *tep_get_any_field_val()* function searches in the _record_ for a field
with _name_, part of the _event_. If the field is found, its value is stored in
val. If there is an error and _err_ is not zero, then an error string is
written into _s_.

The *tep_get_common_field_val()* function does the same as *tep_get_any_field_val()*, but searches only in the common fields. This works for any event as all events include the common fields.

The *tep_get_field_val()* function does the same as *tep_get_any_field_val()*, but searches only in the event specific fields.

The *tep_get_field_raw()* function searches in the _record_ for a field with _name_, part of the _event_. If the field is found, a pointer to where the field exists in the record's raw data is returned. The size of the data is stored in _len_. If there is an error and _err_ is not zero, then an error string is written into _s_.

RETURN VALUE

The *tep_get_any_field_val()*, *tep_get_common_field_val()* and *tep_get_field_val()* functions return 0 on success, or -1 in case of an error.

The *tep_get_field_raw()* function returns a pointer to field's raw data, and places the length of this data in _len_. In case of an error NULL is returned.

EXAMPLE

[source,c]
--
```
#include <event-parse.h>
#include <trace-seq.h>
...
struct tep_handle *tep = tep_alloc();
...
struct tep_event *event = tep_find_event_by_name(tep, "kvm", "kvm_exit");
...
void process_record(struct tep_record *record)
{
 int len;
 char *comm;
 struct tep_event *event;
 unsigned long long val;

 event = tep_find_event_by_record(tep, record);
 if (event != NULL) {
  if (tep_get_common_field_val(NULL, event, "common_type",
        record, &val, 0) == 0) {
   /* Got the value of common type field */
  }
  if (tep_get_field_val(NULL, event,
```

```
 "pid", record, &val, 0) == 0) {
  /* Got the value of pid specific field */
  }
  comm = tep_get_field_raw(NULL, event, "comm", record, &len, 0);
  if (comm != NULL) {
   /* Got a pointer to the comm event specific field */
  }
 }
}
--

FILES
-----
[verse]
--
*event-parse.h*
 Header file to include in order to have access to the library APIs.
*trace-seq.h*
 Header file to include in order to have access to trace sequences
 related APIs. Trace sequences are used to allow a function to call
 several other functions to create a string of data to use.
*-ltraceevent*
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
--------
*libtraceevent*(3), *trace-cmd*(1)

AUTHOR
------
[verse]
--
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
*Tzvetomir Stoyanov* <tz.stoyanov@gmail.com>, author of this man page.
--
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libtraceevent(3)
==========

NAME
----
tep_set_loglevel - Set log level of the library

SYNOPSIS

[verse]
--
#include <event-parse.h>

enum *tep_loglevel* {
 TEP_LOG_NONE = 0,
 TEP_LOG_CRITICAL,
 TEP_LOG_ERROR,
 TEP_LOG_WARNING,
 TEP_LOG_INFO,
 TEP_LOG_DEBUG,
 TEP_LOG_ALL
};

int *tep_set_loglevel*(enum tep_loglevel _level_);

--
DESCRIPTION

The *tep_set_loglevel()* function sets the level of the library logs that will be printed
on the console. Library log levels are:
[verse]
--
 _TEP_LOG_NONE_ - Do not print any logs.
 _TEP_LOG_CRITICAL_ - Print critical logs, problem that may cause a crash.
 _TEP_LOG_ERROR_ - Print error logs, problem that could break the main logic of an API.
 _TEP_LOG_WARNING_ - Print warnings, problem that could limit the result of an API.
 _TEP_LOG_INFO_ - Print information about normal execution of an API.
 _TEP_LOG_DEBUG_ - Print debug information.
 _TEP_LOG_ALL_
 - Print logs from all levels.
--
Setting the log level to specific value means that logs from the previous levels will be printed
too. For example _TEP_LOG_WARNING_ will print any logs with severity _TEP_LOG_WARNING_,

_TEP_LOG_ERROR_ and _TEP_LOG_CRITICAL_. The default log level is _TEP_LOG_CRITICAL_.

EXAMPLE

[source,c]
--
#include <event-parse.h>

tep_set_loglevel(TEP_LOG_ALL);
...
/* call libtraceevent APIs and observe any logs they produce */
...
tep_set_loglevel(TEP_LOG_CRITICAL);
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
--
REPORTING BUGS

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RESOURCES
----

https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

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libtraceevent(3)
==========

NAME
----
kbuffer_timestamp, kbuffer_subbuf_timestamp -
Functions that read various data of a kbuffer descriptor

SYNOPSIS

[verse]
--
#include <kbuffer.h>

unsigned long long *kbuffer_timestamp*(struct kbuffer pass:[*]_kbuf_);
unsigned long long *kbuffer_subbuf_timestamp*(struct kbuffer pass:[*]_kbuf_, void pass:[*]_subbuf_);
--

DESCRIPTION

The function *kbuffer_timestamp()* returns the timestamp of the current event of _kbuf_.

The function *kbuffer_subbuf_timestamp()* returns the timestamp for the sub-buffer
that was loaded in _kbuf_. This usually is (but not guaranteed to be) the timestamp
of the first event on the sub-buffer.

The function *kbuffer_start_of_data()* returns the offset of where the delta

RETURN VALUE
----
kbuffer_read_event() returns the event that the _kbuf_ descriptor is currently at,
or NULL if the last event was passed (by *kbuffer_next_event()*).

kbuffer_next_event()
 returns the next event after the current event or NULL if there
are no more events.

kbuffer_read_at_offset() returns the event at a given _offset_ from the start of
the sub-buffer stored in _kbuf_, or NULL if there exists no event. Note, _offset_
only needs to be an offset that lands on the record, or is at the start of it. It does
not need to be exactly at the beginning of the record.

kbuffer_missed_events() returns 0 if there were no missed events before loaded sub-buffer.
Returns -1 if there were an unknown number of missed events, or if the number of missed events
is known, that number will be returned.

kbuffer_event_size() returns the size of the data payload of the current event of _kbuf_.

kbuffer_curr_size() returns the size of the entire record of the current event of _kbuf_.
This includes the size of the meta data for that record.

kbuf_curr_offset() returns the offset of the current record from the beginning of the
kbuf
sub-buffer.

kbuf_curr_index() returns the index of the current record from the beginning of the _kbuf_
data section.

EXAMPLE

[source,c]
--
```
#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
#include <unistd.h>
#include <sys/stat.h>

#include <kbuffer.h>

int main (int argc, char **argv)
{
 unsigned long long ts;
 struct kbuffer *kbuf;
 struct stat st;
 char *buf;
 void *event;
 int save_offset = -1;
 int record_size;
 int offset;
 int index;
 int size;
 int ret;
 int fd;
 int i = 0;

 if (argc < 2) {
  printf("usage: %s raw-subbuffer-page\n", argv[0]);
  printf(" Try: dd count=1 bs=4096 if=/sys/kernel/tracing/per_cpu/cpu0/trace_pipe_raw of=/tmp/file\n");
  exit(0);
```

```
}

if (stat(argv[1], &st) < 0) {
 perror("stat");
 exit(-1);
}

buf = malloc(st.st_size);
if (!buf) {
 perror("Allocating buffer");
 exit(-1);
}

fd = open(argv[1], O_RDONLY);
if (fd < 0) {
 perror(argv[1]);
 exit(-1);
}

ret = read(fd, buf, st.st_size);
if (ret < 0) {
 perror("Reading
buffer");
 exit(-1);
}
close(fd);

kbuf = kbuffer_alloc(KBUFFER_ENDIAN_SAME_AS_HOST,
      KBUFFER_LSIZE_SAME_AS_HOST);
if (!kbuf) {
 perror("Creating kbuffer");
 exit(-1);
}
ret = kbuffer_load_subbuffer(kbuf, buf);
if (ret < 0) {
 perror("Loading sub bufer");
 exit(-1);
}

if (kbuffer_subbuffer_size(kbuf) > st.st_size) {
 fprintf(stderr, "kbuffer is bigger than raw size %d > %ld\n",
  kbuffer_subbuffer_size(kbuf), st.st_size);
 exit(-1);
}

ret = kbuffer_missed_events(kbuf);
if (ret) {
 if (ret > 0)
```

```
  printf("Missed %d events before this buffer\n", ret);
 else
  printf("Missed unknown number of events before this buffer\n");
}
do {
 event = kbuffer_read_event(kbuf, &ts);
 if (event) {
  record_size = kbuffer_curr_size(kbuf);
  offset = kbuffer_curr_offset(kbuf);
  index = kbuffer_curr_index(kbuf);
  size = kbuffer_event_size(kbuf);

  if (i == 20)
   save_offset = offset;
  printf(" event %3d ts:%lld\trecord_size:%d size:%d\tindex:%d offset:%d\n",

      i++, ts, record_size, size, index, offset);
  event = kbuffer_next_event(kbuf, NULL);
 }
} while (event);

if (!event)
 printf("Finished sub buffer\n");

if (save_offset > 0) {
 event = kbuffer_read_at_offset(kbuf, save_offset, &ts);
 if (!event) {
  fprintf(stderr, "Funny, can't find event 20 at offset %d\n", save_offset);
  exit(-1);
 }
 record_size = kbuffer_curr_size(kbuf);
 offset = kbuffer_curr_offset(kbuf);
 index = kbuffer_curr_index(kbuf);
 size = kbuffer_event_size(kbuf);

 printf("\n saved event 20 ts:%lld\trecord_size:%d size:%d\tindex:%d offset:%d\n\n",
        ts, record_size, size, index, offset);
 }
 kbuffer_free(kbuf);

 return 0;
}
--
FILES
-----
[verse]
--
*event-parse.h*
```

Header file to include in order to have access to the library APIs.
-ltraceevent
Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>,
author of *libtraceevent*.
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RESOURCES
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libtraceevent(3)
================

NAME
----
tep_list_events, tep_list_events_copy -
Get list of events, sorted by given criteria.

SYNOPSIS

[verse]
--
#include <event-parse.h>

enum *tep_event_sort_type* {
_TEP_EVENT_SORT_ID_,

_TEP_EVENT_SORT_NAME_,
_TEP_EVENT_SORT_SYSTEM_,
};

struct tep_event pass:[*]pass:[*]*tep_list_events*(struct tep_handle pass:[*]_tep_, enum tep_event_sort_type _sort_type_);
struct tep_event pass:[*]pass:[*]*tep_list_events_copy*(struct tep_handle pass:[*]_tep_, enum tep_event_sort_type _sort_type_);
--

DESCRIPTION

The *tep_list_events()* function returns an array of pointers to the events,
sorted by the _sort_type_ criteria. The last element of the array is NULL.
The returned memory must not be freed, it is managed by the library.
The function is not thread safe. The _tep_ argument is trace event parser
context. The _sort_type_ argument is the required sort criteria:
[verse]
--
_TEP_EVENT_SORT_ID_ -
sort by the event ID.
_TEP_EVENT_SORT_NAME_ - sort by the event (name, system, id) triplet.
_TEP_EVENT_SORT_SYSTEM_ - sort by the event (system, name, id) triplet.
--

The *tep_list_events_copy()* is a thread safe version of _tep_list_events()_.
It has the same behavior, but the returned array is allocated internally and
must be freed by the caller. Note that the content of the array must not be
freed (see the EXAMPLE below).

RETURN VALUE

The *tep_list_events()* function returns an array of pointers to events.
In case of an error, NULL is returned. The returned array must not be freed,
it is managed by the library.

The *tep_list_events_copy()* function returns an array of pointers to events.
In case of an error, NULL is returned. The returned array must be freed by
the caller.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...

```
int i;
struct tep_event_format **events;

i=0;
events =
 tep_list_events(tep, TEP_EVENT_SORT_ID);
if (events == NULL) {
 /* Failed to get the events, sorted by ID */
} else {
 while(events[i]) {
  /* walk through the list of the events, sorted by ID */
  i++;
 }
}

i=0;
events = tep_list_events_copy(tep, TEP_EVENT_SORT_NAME);
if (events == NULL) {
 /* Failed to get the events, sorted by name */
} else {
 while(events[i]) {
  /* walk through the list of the events, sorted by name */
  i++;
 }
 free(events);
}

...
--

FILES
-----
[verse]
--
*event-parse.h*
 Header file to include in order to have access to the library APIs.
*-ltraceevent*
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
--------
*libtraceevent*(3), *trace-cmd*(1)

AUTHOR
------
[verse]
--
```

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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RESOURCES
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libtraceevent(3)
==========

NAME
---
tep_register_comm, tep_override_comm, tep_is_pid_registered,
tep_data_comm_from_pid, tep_data_pid_from_comm, tep_cmdline_pid -
Manage pid to process name mappings.

SYNOPSIS

[verse]
--
#include <event-parse.h>

int *tep_register_comm*(struct tep_handle pass:[*]_tep_, const char pass:[*]_comm_, int _pid_);
int *tep_override_comm*(struct tep_handle pass:[*]_tep_, const char pass:[*]_comm_, int _pid_);
bool *tep_is_pid_registered*(struct tep_handle pass:[*]_tep_, int _pid_);
const char pass:[*]*tep_data_comm_from_pid*(struct tep_handle pass:[*]_pevent_, int _pid_);
struct cmdline pass:[*]*tep_data_pid_from_comm*(struct tep_handle pass:[*]_pevent_, const char pass:[*]_comm_,
struct cmdline pass:[*]_next_);
int *tep_cmdline_pid*(struct tep_handle pass:[*]_pevent_, struct cmdline pass:[*]_cmdline_);
--

DESCRIPTION

These functions can be used to handle the

mapping between pid and process name.
The library builds a cache of these mappings, which is used to display the name
of the process, instead of its pid. This information can be retrieved from
tracefs/saved_cmdlines file.

The *tep_register_comm()* function registers a _pid_ / process name mapping.
If a command with the same _pid_ is already registered, an error is returned.
The _pid_ argument is the process ID, the _comm_ argument is the process name,
tep is the event context. The _comm_ is duplicated internally.

The *tep_override_comm()* function registers a _pid_ / process name mapping.
If a process with the same pid is already registered, the process name string is
udapted with the new one. The _pid_ argument is the process ID, the _comm_
argument is the process name, _tep_ is the event context. The _comm_ is
duplicated internally.

The *tep_is_pid_registered()* function checks if a pid has a process name
mapping registered. The _pid_ argument is the process ID, _tep_ is the event
context.

The
tep_data_comm_from_pid() function returns the process name for a given
pid. The _pid_ argument is the process ID, _tep_ is the event context.
The returned string should not be freed, but will be freed when the _tep_
handler is closed.

The *tep_data_pid_from_comm()* function returns a pid for a given process name.
The _comm_ argument is the process name, _tep_ is the event context.
The argument _next_ is the cmdline structure to search for the next pid.
As there may be more than one pid for a given process, the result of this call
can be passed back into a recurring call in the _next_ parameter, to search for
the next pid. If _next_ is NULL, it will return the first pid associated with
the _comm_. The function performs a linear search, so it may be slow.

The *tep_cmdline_pid()* function returns the pid associated with a given
cmdline. The _tep_ argument is the event context.

RETURN VALUE
---
tep_register_comm() function returns 0 on success. In case of
an error -1 is
returned and errno is set to indicate the cause of the problem: ENOMEM, if there
is not enough memory to duplicate the _comm_ or EEXIST if a mapping for this
pid is already registered.

tep_override_comm() function returns 0 on success. In case of an error -1 is
returned and errno is set to indicate the cause of the problem: ENOMEM, if there
is not enough memory to duplicate the _comm_.

tep_is_pid_registered() function returns true if the _pid_ has a process name mapped to it, false otherwise.

tep_data_comm_from_pid() function returns the process name as string, or the string "<...>" if there is no mapping for the given pid.

tep_data_pid_from_comm() function returns a pointer to a struct cmdline, that holds a pid for a given process, or NULL if none is found. This result can be passed back into a recurring call as the _next_ parameter of the function.

tep_cmdline_pid() functions returns the pid for the give cmdline. If _cmdline_ is NULL, then -1 is returned.

EXAMPLE

The
 following example registers pid for command "ls", in context of event _tep_ and performs various searches for pid / process name mappings:
[source,c]
--
```
#include <event-parse.h>
...
int ret;
int ls_pid = 1021;
struct tep_handle *tep = tep_alloc();
...
 ret = tep_register_comm(tep, "ls", ls_pid);
 if (ret != 0 && errno == EEXIST)
  ret = tep_override_comm(tep, "ls", ls_pid);
 if (ret != 0) {
  /* Failed to register pid / command mapping */
 }
...
 if (tep_is_pid_registered(tep, ls_pid) == 0) {
  /* Command mapping for ls_pid is not registered */
 }
...
 const char *comm = tep_data_comm_from_pid(tep, ls_pid);
 if (comm) {
  /* Found process name for ls_pid */
 }
...
 int pid;
 struct cmdline *cmd = tep_data_pid_from_comm(tep, "ls", NULL);
 while (cmd) {
  pid = tep_cmdline_pid(tep, cmd);
  /* Found pid for process "ls" */
```

```
  cmd = tep_data_pid_from_comm(tep, "ls", cmd);
 }
```
--

FILES

[verse]

--

event-parse.h
 Header file to include in order to have access
 to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.

--

SEE ALSO

---

libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

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RESOURCES

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libtraceevent(3)

==========

NAME

---

tep_alloc, tep_free,tep_ref, tep_unref,tep_get_ref, tep_kbuffer - Create, destroy, manage
references of trace event parser context.

SYNOPSIS

[verse]
--
#include <event-parse.h>

struct tep_handle pass:[*]*tep_alloc*(void);
void *tep_free*(struct tep_handle pass:[*]_tep_);
void *tep_ref*(struct tep_handle pass:[*]_tep_);
void *tep_unref*(struct tep_handle pass:[*]_tep_);
int *tep_get_ref*(struct tep_handle pass:[*]_tep_);
struct kbuffer pass:[*]*tep_kbuffer*(struct tep_handle pass:[*]_tep_);
--

DESCRIPTION

These are the main functions to create and destroy tep_handle - the main
structure, representing the trace event parser context. This context is used as
the input parameter of most library APIs.

The *tep_alloc()* function allocates and initializes the tep context.

The *tep_free()* function will decrement the reference of the _tep_ handler.
When
 there is no more references, then it will free the handler, as well
as clean up all its resources that it had used. The argument _tep_ is
the pointer to the trace event parser context.

The *tep_ref()* function adds a reference to the _tep_ handler.

The *tep_unref()* function removes a reference from the _tep_ handler. When
the last reference is removed, the _tep_ is destroyed, and all resources that
it had used are cleaned up.

The *tep_ref_get()* functions gets the current references of the _tep_ handler.

The *tep_kbuffer()* function allocates a kbuffer descriptor that can be used to
parse raw data that is represented by the _tep_ handle descriptor. It must be freed
with *kbuf_free(3)*.

RETURN VALUE
----
tep_alloc() returns a pointer to a newly created tep_handle structure.
NULL is returned in case there is not enough free memory to allocate it.

tep_ref_get() returns the current references of _tep_.
If _tep_ is NULL, 0 is returned.

tep_kbuffer() returns a kbuffer descriptor
 that can parse the raw data that
represents the tep handle. Must be freed with *kbuf_free(3)*.

EXAMPLE

[source,c]
--
#include <event-parse.h>

...
struct tep_handle *tep = tep_alloc();
...
int ref = tep_get_ref(tep);
tep_ref(tep);
if ((ref+1) != tep_get_ref(tep)) {
 /* Something wrong happened, the counter is not incremented by 1 */
}
tep_unref(tep);
...
tep_free(tep);
...
--
FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
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libtraceevent(3)
================

NAME
----
kbuffer_alloc, kbuffer_dup, kbuffer_free, kbuffer_load_subbuffer, kbuffer_subbuffer,
kbuffer_refresh, kbuffer_subbuffer_size, kbuffer_start_of_data - Creating of kbuffer element to parse
the Linux kernel tracing ring buffer

SYNOPSIS

[verse]
--
#include <kbuffer.h>

enum kbuffer_endian {
 KBUFFER_ENDIAN_BIG,
 KBUFFER_ENDIAN_LITTLE,
 KBUFFER_ENDIAN_SAME_AS_HOST,
};

enum kbuffer_long_size {
 KBUFFER_LSIZE_4,
 KBUFFER_LSIZE_8,
 KBUFFER_LSIZE_SAME_AS_HOST,
};

struct kbuffer;
struct tep_handle;

struct kbuffer pass:[*]*kbuffer_alloc*(enum kbuffer_long_size _size_, enum kbuffer_endian _endian_);
struct kbuffer pass:[*]*kbuffer_dup*(struct kbuffer pass:[*]_kbuf_);
void *kbuffer_free*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_load_subbuffer*(struct kbuffer pass:[*]_kbuf_, void pass:[*]_subbuffer_);

int *kbuffer_subbuffer_size*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_refresh*(struct
kbuffer pass:[*]_kbuf_);
int *kbuffer_start_of_data*(struct kbuffer pass:[*]_kbuf_);
void pass:[*]*kbuffer_subbuffer*(struct kbuffer pass:[*]_kbuf);
--

DESCRIPTION

These functions create a _kbuffer_ handle that can be used to parse the raw sub buffers
of the Linux kernel tracing ring buffer. The ring buffer is found in the tracefs
directory, and can be retrieved by *tracefs_instance_get_file(3)* at
per_cpu/cpuX/trace_pipe_raw where *X* is replaced by the per CPU number of
the specified ring buffer. The ring buffer inside the kernel is split up per
CPU, such that the raw ring buffer must be retrieved per CPU as well.

The *kbuffer_alloc()* will create a descriptor that can be used to manage a sub buffer
read by the ring buffer. The _size_ parameter denotes what the word size is
for the given buffer (note, this works from reading raw data from machines other
than the machine that is calling this function). The _endian_ denotes the endian
for the machine.

If
endian is set to _KBUFFER_ENDIAN_SAME_AS_HOST_ the endian will be set to the same
as the host endianess, which is useful when the application is reading the
ring buffer data directly from the same machine it is running on.

If _size_ is set to _KBUFFER_LSIZE_SAME_AS_HOST_, if the word size is 8, it will
set the kbuffer descriptor to long size of 8. But if the size is 4, then it
will then perform a *uname(2)* call, and if the _machine_ field has the string "64"
in it, it will be set to 8 byte long size and not 4 byte. This is because the
ring buffer long size is dependent on the kernel and not user space.

The *kbuffer_dup()* function will duplicate an existing kbuffer structure with
an allocated new one. It will have all the properties of the passed in _kbuf_,
including pointing to the same subbuffer that was loaded in the _kbuf_.
It must be freed with *kbuffer_free()*.

The *kbuffer_free()* function will free the resources created by *kbuffer_alloc()*.

The *kbuffer_load_subbuffer()*
will take a _subbuffer_ which is a raw data blob
from the tracefs *trace_pipe_raw* file. The Linux tracing ring buffer is broken up
into sub buffers. Each sub buffer is as stand alone data segment that has all the
information to split out the individual events and time stamps. This sub buffer
is what kbuffer uses to walk the events.

The *kbuffer_subbuffer_size()* returns the location of the end of the last event

on the sub-buffer. It does not return the size of the sub-buffer itself.

The *kbuffer_refresh()* is to be used if more writes were done on the loaded kbuffer where the size of the kbuffer needs to be refreshed to be able to read the new events that were written since the last *kbuffer_load_subbuffer()* was called on it.

Note, no memory barriers are implemented with this function and any synchronization with the writer is the responsibility of the application.

The *kbuffer_start_of_data()* function returns the offset of where the actual data load of the sub-buffer
begins.

The *kbuffer_subbuffer()* function returns the pointer to the currently loaded subbuffer. That is, the last subbuffer that was loaded by *kbuffer_load_subbuffer()*. If no subbuffer was loaded NULL is returned.

RETURN VALUE
---
kbuffer_alloc() returns an allocated kbuffer descriptor or NULL on error. The returned descriptor must be freed with *kbuffer_free()*

kbuffer_load_subbuffer() returns 0 on success and -1 on error.

kbuffer_subbuffer_size() returns the index on the subbuffer where the end of the last event is located.

kbuffer_start_of_data() returns the offset of where the data begins on the sub-buffer loaded in _kbuf_.

kbuffer_subbuffer() returns the last loaded subbuffer to _kbuf_ that was loaded by *kbuffer_load_subbuffer()* or NULL if none was loaded.

kbuffer_refresh() returns 0 on success and -1 if _kbuf_ is NULL or it does not have a subbuffer loaded via *kbuffer_load_subbuffer()*.

EXAMPLE

[source,c]
--
```
#include <stdio.h>
#include
 <stdlib.h>
#include <fcntl.h>
#include <unistd.h>
#include <sys/stat.h>

#include <kbuffer.h>
```

```
int main (int argc, char **argv)
{
 unsigned long long ts;
 struct kbuffer *kbuf;
 struct stat st;
 char *buf;
 void *event;
 int ret;
 int fd;
 int i = 0;

 if (argc < 2) {
  printf("usage: %s raw-subbuffer-page\n", argv[0]);
  printf(" Try: dd count=1 bs=4096 if=/sys/kernel/tracing/per_cpu/cpu0/trace_pipe_raw of=/tmp/file\n");
  exit(0);
 }

 if (stat(argv[1], &st) < 0) {
  perror("stat");
  exit(-1);
 }

 buf = malloc(st.st_size);
 if (!buf) {
  perror("Allocating buffer");
  exit(-1);
 }

 fd = open(argv[1], O_RDONLY);
 if (fd < 0) {
  perror(argv[1]);
  exit(-1);
 }

 ret = read(fd, buf, st.st_size);
 if (ret < 0) {
  perror("Reading buffer");
  exit(-1);
 }
 close(fd);

 kbuf = kbuffer_alloc(KBUFFER_ENDIAN_SAME_AS_HOST,
       KBUFFER_LSIZE_SAME_AS_HOST);
 if (!kbuf) {
  perror("Creating kbuffer");
  exit(-1);
 }
```

```
ret = kbuffer_load_subbuffer(kbuf, buf);
if (ret < 0) {
 perror("Loading
sub bufer");
 exit(-1);
}

if (kbuffer_subbuffer_size(kbuf) > st.st_size) {
 fprintf(stderr, "kbuffer is bigger than raw size %d > %ld\n",
  kbuffer_subbuffer_size(kbuf), st.st_size);
 exit(-1);
}

printf("Kbuffer data starts at %d\n", kbuffer_start_of_data(kbuf));
do {
 event = kbuffer_read_event(kbuf, &ts);
 if (event) {
  printf(" event %3d ts:%lld\n", i++, ts);
  event = kbuffer_next_event(kbuf, NULL);
 }
} while (event);

if (!event)
 printf("Finished sub buffer\n");

 kbuffer_free(kbuf);

 return 0;
}
```
--

FILES

[verse]

--

event-parse.h

 Header file to include in order to have access to the library APIs.

-ltraceevent

 Linker switch to add when building a program that uses the library.

--

SEE ALSO

---

libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
--
REPORTING BUGS

Report bugs to <linux-trace-devel@vger.kernel.org>

LICENSE
---
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RESOURCES
---
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

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libtraceevent(3)
==========

NAME
---
tep_plugin_kvm_get_func, tep_plugin_kvm_put_func - Add function name for instruction pointer of kvm plugin

SYNOPSIS

[verse]
--
#include <event-parse.h>

const char pass:[*]*tep_plugin_kvm_get_func*(struct tep_event pass:[*]event,
	struct tep_record pass:[*]record,
	unsigned long long pass:[*]paddr);
void *tep_plugin_kvm_put_func*(const char pass:[*]func);
--

DESCRIPTION

The functions *tep_plugin_kvm_get_func()* and *tep_plugin_kvm_put_func()*
are not to be called by an application, but instead are to be defined by
an application.

Certain events (like kvm_exit and kvm_entry) have the instruction pointer
of where in the guest the context changed from guest to host. As the host
only knows the instruction pointer and does not have information about what
function in the guest that instruction pointer belongs to, it can only print

the address.

But
 the application may have more information about the guest, and know where
the guest was when the exit occurred, and also even know the function name
of that address.

The KVM plugin for libtraceevent is called on these events, and then calls
tep_plugin_kvm_get_func() to see if that function can resolve the instruction
pointer address to a real function name. If the return is non NULL, it will
print the function in the output for that event.

These functions are currently defined as weak functions within the plugin, as
to not require them to be defined elsewhere. For an application to override
the weak function, it will need to define the function in a file that gets
compiled with *-rdynamic*. That will tell the dynamic linker to examine that
object file and use function names to resolve weak functions in other shared
objects (in this case the KVM plugin shared object).

If the application defines *tep_plugin_kvm_get_func()*, it must use the above
prototype. The _event_ will
 hold the KVM event that has the instruction pointer
field. The _record_ will be the instance of that event. The application's function
does not need to use these parameters, but they may be useful for finding the
function name for the address. The _paddr_ is a pointer to a 64 bit value (where
only 32 bits may be used on 32 bit machines). This value is the instruction
pointer to look up. If the application knows the start address of the function
as well, it can set _paddr_ to that address, and the KVM plugin will also
append a "+offset" to the function name where the offset is the original
value in _paddr_ minus the value in _paddr_ when it is called. Finally,
the application should return the function name as a nul terminated string
if one is found.

If the returned string of *tep_plugin_kvm_get_func()* was allocated, the KVM plugin
will call *tep_plugin_kvm_put_func()* when it is through with it, passing the
value returned by *tep_plugin_kvm_get_func()* as _func_. This allows the application
to
 free it if necessary.

RETURN VALUE

The *tep_plugin_kvm_get_func()* is not to be called by the application but instead
is to be defined by the application. It should return a nul terminated string representing
the function for the given instruction pointer passed to it by reference in _paddr_. It
can then optionally update the _paddr_ to a value that holds the start of the function.
The string returned may be freed by the *tep_plugin_kvm_put_func()* that the application
should define to clean up the string.

The below example needs to be compiled with the *-rdynamic* flag so that the dynamic
linker can resolve the *tep_plugin_kvm_get_func()* and *tep_plugin_kvm_put_func()* functions.

When run against a trace.dat file produced by *trace-cmd(1)* recording the kvm_exit and
kvm_entry events on a guest, and then the guest's /proc/kallsyms file is passed as the
second parameter, the output produced will look something like:

[source,c]
--
CPU 0/KVM-20407 83156.177626
 [000] kvm_exit   reason APIC_ACCESS rip 0xffffffffb0056ee2 exit native_apic_mem_write+0x2 info 10b0 0
CPU 0/KVM-20407 83156.177632 [000] kvm_entry   vcpu 0 rip 0xffffffffb0056ee8 enter
native_apic_mem_write+0x8
--

But without those callbacks, it would look like:

[source,c]
--
CPU 0/KVM-20407 83156.177626 [000] kvm_exit   reason APIC_ACCESS rip 0xffffffffb0056ee2 info 10b0 0
CPU 0/KVM-20407 83156.177632 [000] kvm_entry   vcpu 0 rip 0xffffffffb0056ee8
--

EXAMPLE

[source,c]
--
#include <stdio.h>
#include <stdlib.h>
#include <event-parse.h>
#include <trace-cmd.h>
#include <sys/stat.h>

static struct tep_handle *tep;

const char *tep_plugin_kvm_get_func(struct tep_event *event, struct tep_record *record,
       unsigned long long *paddr)
{
 const char *func;
 char *event_func;
 char *ename;

 func = tep_find_function(tep, *paddr);
 if (!func)
  return NULL;

 if (strcmp(event->name, "kvm_exit") == 0)
  ename = "exit";

```
 else
  ename = "enter";

 /*
  * Normally, passing
 back func directly is sufficient and then
  * tep_plugin_kvm_put_func() would not be required. But this example
  * is showing how to handle allocation of the returned string.
  */
 event_func = malloc(strlen(ename) + strlen(func) + 2);
 if (!event_func)
  return NULL;
 sprintf(event_func, "%s %s", ename, func);

 *paddr = tep_find_function_address(tep, *paddr);

 return event_func;
}

void tep_plugin_kvm_put_func(const char *func)
{
 char *f = (char *)func;

 free(f);
}

static int show_event(struct tracecmd_input *handle, struct tep_event *event,
        struct tep_record *record, int cpu, void *data)
{
 static struct trace_seq seq;
 tep = data;

 if (!seq.buffer)
  trace_seq_init(&seq);

 trace_seq_reset(&seq);
 tep_print_event(tracecmd_get_tep(handle), &seq, record,
   "%s-%d\t%6.1000d [%03d] %s\t%s\n",
   TEP_PRINT_COMM, TEP_PRINT_PID,
   TEP_PRINT_TIME, TEP_PRINT_CPU,
   TEP_PRINT_NAME, TEP_PRINT_INFO);
 trace_seq_terminate(&seq);
 trace_seq_do_printf(&seq);
 return 0;
}

int main(int
```

```
argc, char **argv)
{
struct tracecmd_input *handle;
struct tep_handle *guest_tep;
struct stat st;
FILE *fp;
char *buf;

if (argc < 3) {
 printf("usage: trace.dat guest_kallsyms_file\n");
 exit(-1);
}

handle = tracecmd_open(argv[1], 0);
if (!handle) {
 perror(argv[1]);
 exit(-1);
}

/* Just for kallsyms parsing */
guest_tep = tep_alloc();
if (!guest_tep)
 exit(-1);

if (stat(argv[2], &st) < 0) {
 perror(argv[2]);
 exit(-1);
}

buf = malloc(st.st_size + 1);
if (!buf)
 exit(-1);

fp = fopen(argv[2], "r");
if (!fp) {
 perror(argv[2]);
 exit(-1);
}

if (fread(buf, st.st_size, 1, fp) < 0) {
 perror(argv[2]);
 exit(-1);
}

buf[st.st_size] = '\0';

if (tep_parse_kallsyms(guest_tep, buf) < 0) {
 printf("Failed to parse %s\n", argv[2]);
```

```
 exit(-1);
}
free(buf);

tracecmd_follow_event(handle, "kvm", "kvm_exit", show_event, guest_tep);
tracecmd_follow_event(handle, "kvm", "kvm_entry", show_event, guest_tep);

tracecmd_iterate_events(handle, NULL, 0,
NULL, NULL);

tep_free(guest_tep);
tracecmd_close(handle);
}
--

FILES
-----
[verse]
--
*event-parse.h*
 Header file to include in order to have access to the library APIs.
*-ltraceevent*
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
--------
*libtraceevent*(3), *trace-cmd*(1)

REPORTING BUGS
--------------
Report bugs to  <linux-trace-devel@vger.kernel.org>

LICENSE
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RESOURCES
---------
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

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* /libtraceevent-1-8-2-tar-gz/libtraceevent-1.8.2/Documentation/libtraceevent-kvm-plugin.txt
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libtraceevent(3)
================
```

NAME
----
tep_find_event,tep_find_event_by_name,tep_find_event_by_record, tep_record_is_event -
Find events by given key.

SYNOPSIS

[verse]
--
#include <event-parse.h>

struct tep_event pass:[*]*tep_find_event*(struct tep_handle pass:[*]_tep_, int _id_);
struct tep_event pass:[*]*tep_find_event_by_name*(struct tep_handle pass:[*]_tep_, const char pass:[*]_sys_, const char pass:[*]_name_);
struct tep_event pass:[*]*tep_find_event_by_record*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_record_);
bool *tep_record_is_event*(struct tep_record pass:[*]record, struct tep_event pass:[*]event);
--

DESCRIPTION

This set of functions can be used to search for an event, based on a given
criteria. All functions require a pointer to a _tep_, trace event parser
context.

The *tep_find_event()* function searches for an event by given event _id_. The
event ID is
 assigned dynamically and can be viewed in event's format file,
"ID" field.

The *tep_find_event_by_name()* function searches for an event by given
event _name_, under the system _sys_. If the _sys_ is NULL (not specified),
the first event with _name_ is returned.

The *tep_find_event_by_record()* function searches for an event from a given
record.

The *tep_record_is_event()* function tests if the given _record_ is of the type
of the _event_. This is normally used to know if the _record_ being processed is
of an _event_ where further processing should be done.

RETURN VALUE

All these functions except *tep_record_is_event()* return a pointer to the found event, or NULL if there is no such event.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
struct tep_event *event;

event = tep_find_event(tep, 1857);
if (event == NULL) {
 /* There is no event with ID 1857 */
}

event = tep_find_event_by_name(tep, "kvm", "kvm_exit");
if
 (event == NULL) {
 /* There is no kvm_exit event, from kvm system */
}

void event_from_record(struct tep_record *record)
{
struct tep_event *event = tep_find_event_by_record(tep, record);
 if (event == NULL) {
  /* There is no event from given record */
 }
}
...
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
--
REPORTING BUGS

Report bugs to <linux-trace-devel@vger.kernel.org>

LICENSE
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RESOURCES
---
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

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libtraceevent(3)
==========

NAME
---
kbuffer_read_event, kbuffer_next_event, kbuffer_missed_events, kbuffer_event_size, kbuffer_curr_size,
kbuffer_curr_offset, kbuffer_curr_index, kbuffer_read_buffer -
Functions to read through the kbuffer sub buffer.

SYNOPSIS

[verse]
--
#include <kbuffer.h>

void pass:[*]*kbuffer_read_event*(struct kbuffer pass:[*]_kbuf_, unsigned long long pass:[*]_ts_);
void pass:[*]*kbuffer_next_event*(struct kbuffer pass:[*]_kbuf_, unsigned long long pass:[*]_ts_);
void pass:[*]*kbuffer_read_at_offset*(struct kbuffer pass:[*]_kbuf_, int _offset_, unsigned long long pass:[*]_ts_);
int *kbuffer_missed_events*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_event_size*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_size*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_offset*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_index*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_read_buffer*(struct
 kbuffer pass:[*]_kbuf_, void pass:[*]_buffer_, int _len_);
--

DESCRIPTION

The function *kbuffer_read_event()* reads the next event in the _kbuf_ descriptor

and if _ts_ is non NULL, will place its timestamp into it. This does not modify the _kbuf_ descriptor, and calling this function mulitple times will return the same result.

The function *kbuffer_next_event()* will return the next event in the _kbuf_ descriptor. It will also set the _ts_ to the timestamp of the returned event. NULL is returned if there are no more events and _ts_ will be undefined. Note, if this is called directly after a *kbuffer_load_subbuffer()* then it will likely give an unexpected result, as it will return the second event and not the first event. Usually this function is only used to move to the next event and to know if there's any more events to read, and *kbuffer_read_event()* is always called first.

The function *kbuffer_read_at_offset()* returns the event located at a given _offset_ from
the beginning of the sub-buffer. This offset can be retrieved by *kbuffer_curr_offset()*. If _ts_ points to an unsigned long long, then it will be set to the event at the given offset's timestamp.

If the sub-buffer had missed events before it, then *kbuffer_missed_events()* will return the non zero. If it returns -1, that means there were missed events, but the exact number of missed events is unknown. If it returns a positive number, then the number of missed events is the return value.

The *kbuffer_event_size()* function returns the size of the data portion of the current event (the one that would be returned by *kbuffer_read_event()*.

The *kbuffer_curr_size()* function returns the entire record size of the current event (the one that would be returned by *kbuffer_read_event()*. The difference here is that the return value includes the size of the event record meta data that is not part of what is returned by *kbuffer_read_event()*.

The *kbuffer_curr_offset()* function
returns the offset from the beginning of the sub-buffer
of where the current event's meta data for the record begins. The first event will not be at offset zero. This offset can be used to retrieve the event with *kbuffer_read_at_offset()*.

The *kbuffer_curr_index()* function returns the index from the beginning of the data portion of the sub-buffer where the current evnet's meta data is located.
The first event will likely be zero, but may not be if there's a timestamp attached to it.

The *kbuffer_read_buffer()* function will fill the given _buffer_ from the _kbuf_ the same way the kernel would do a read system call. That is, if the length _len_ is less than the sub buffer size, or the kbuffer current index is non-zero, it will start copying from the _kbuf_ current event and create _buffer_ as a new sub buffer (with a timestamp and commit header) with that event that was found and including all events after that can fit within _len_. The _len_ must include the size of the sub
buffer header as well as the
events to include. That is, _len_ is the allocate size of _buffer_ that can be filled.

The return from this function is the index of the end of the last event that was added.
If there are no more events then zero is returned, and if the buffer can not
copy any events because _len_ was too small, then -1 is returned.

RETURN VALUE
----
kbuffer_read_event() returns the event that the _kbuf_ descriptor is currently at,
or NULL if the last event was passed (by *kbuffer_next_event()*).

kbuffer_next_event() returns the next event after the current event or NULL if there
are no more events.

kbuffer_read_at_offset() returns the event at a given _offset_ from the start of
the sub-buffer stored in _kbuf_, or NULL if there exists no event. Note, _offset_
only needs to be an offset that lands on the record, or is at the start of it. It does
not need to be exactly at the beginning of the record.

kbuffer_missed_events() returns 0 if there were no missed
events before loaded sub-buffer.
Returns -1 if there were an unknown number of missed events, or if the number of missed events
is known, that number will be returned.

kbuffer_event_size() returns the size of the data payload of the current event of _kbuf_.

kbuffer_curr_size() returns the size of the entire record of the current event of _kbuf_.
This includes the size of the meta data for that record.

kbuf_curr_offset() returns the offset of the current record from the beginning of the _kbuf_
sub-buffer.

kbuf_curr_index() returns the index of the current record from the beginning of the _kbuf_
data section.

kbuf_read_buffer() returns the index of the end of the last event that was filled in
buffer. If there are no more events to copy from _start_ then 0 is returned. If _len_
is not big enough to hold any events, then -1 is returned.

EXAMPLE

[source,c]
--
#include <stdio.h>
#include <stdlib.h>
#include <fcntl.h>
#include <unistd.h>
#include <sys/stat.h>

```
#include
 <kbuffer.h>

int main (int argc, char **argv)
{
 unsigned long long ts;
 struct kbuffer *kbuf;
 struct stat st;
 char *buf;
 void *event;
 int save_offset = -1;
 int record_size;
 int offset;
 int index;
 int size;
 int ret;
 int fd;
 int i = 0;

 if (argc < 2) {
  printf("usage: %s raw-subbuffer-page\n", argv[0]);
  printf(" Try: dd count=1 bs=4096 if=/sys/kernel/tracing/per_cpu/cpu0/trace_pipe_raw of=/tmp/file\n");
  exit(0);
 }

 if (stat(argv[1], &st) < 0) {
  perror("stat");
  exit(-1);
 }

 buf = malloc(st.st_size);
 if (!buf) {
  perror("Allocating buffer");
  exit(-1);
 }

 fd = open(argv[1], O_RDONLY);
 if (fd < 0) {
  perror(argv[1]);
  exit(-1);
 }

 ret = read(fd, buf, st.st_size);
 if (ret < 0) {
  perror("Reading buffer");
  exit(-1);
 }
 close(fd);
```

```
kbuf = kbuffer_alloc(KBUFFER_ENDIAN_SAME_AS_HOST,
      KBUFFER_LSIZE_SAME_AS_HOST);
if (!kbuf) {
 perror("Creating kbuffer");
 exit(-1);
}
ret = kbuffer_load_subbuffer(kbuf, buf);
if (ret < 0) {
 perror("Loading
sub bufer");
 exit(-1);
}

if (kbuffer_subbuffer_size(kbuf) > st.st_size) {
 fprintf(stderr, "kbuffer is bigger than raw size %d > %ld\n",
  kbuffer_subbuffer_size(kbuf), st.st_size);
 exit(-1);
}

ret = kbuffer_missed_events(kbuf);
if (ret) {
 if (ret > 0)
  printf("Missed %d events before this buffer\n", ret);
 else
  printf("Missed unknown number of events before this buffer\n");
}
do {
 event = kbuffer_read_event(kbuf, &ts);
 if (event) {
  record_size = kbuffer_curr_size(kbuf);
  offset = kbuffer_curr_offset(kbuf);
  index = kbuffer_curr_index(kbuf);
  size = kbuffer_event_size(kbuf);

  if (i == 20)
   save_offset = offset;
  printf(" event %3d ts:%lld\trecord_size:%d size:%d\tindex:%d offset:%d\n",
        i++, ts, record_size, size, index, offset);
  event = kbuffer_next_event(kbuf, NULL);
 }
} while (event);

if (!event)
 printf("Finished sub buffer\n");

if (save_offset > 0) {
 event = kbuffer_read_at_offset(kbuf, save_offset, &ts);
```

```
 if
(!event) {
  fprintf(stderr, "Funny, can't find event 20 at offset %d\n", save_offset);
  exit(-1);
 }
 record_size = kbuffer_curr_size(kbuf);
 offset = kbuffer_curr_offset(kbuf);
 index = kbuffer_curr_index(kbuf);
 size = kbuffer_event_size(kbuf);

 printf("\n saved event 20 ts:%lld\trecord_size:%d size:%d\tindex:%d offset:%d\n\n",
        ts, record_size, size, index, offset);
 }
 kbuffer_free(kbuf);

 return 0;
}
```

--

FILES

[verse]

--

event-parse.h

 Header file to include in order to have access to the library APIs.

-ltraceevent

 Linker switch to add when building a program that uses the library.

--

SEE ALSO

---

libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.

--

REPORTING BUGS

Report bugs to <linux-trace-devel@vger.kernel.org>

LICENSE

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RESOURCES

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https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

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libtraceevent(3)
==========

NAME
----
tep_parse_header_page - Parses the data stored in the header page.

SYNOPSIS

[verse]
--
#include <event-parse.h>

int *tep_parse_header_page*(struct tep_handle pass:[*]_tep_, char pass:[*]_buf_, unsigned long _size_, int _long_size_);
--

DESCRIPTION

The *tep_parse_header_page()* function parses the header page data from _buf_,
and initializes the _tep_, trace event parser context, with it. The buffer
buf is with _size_, and is supposed to be copied from
tracefs/events/header_page.

Some old kernels do not have header page info, in this case the
tep_parse_header_page() function can be called with _size_ equal to 0. The
tep context is initialized with default values. The _long_size_ can be used in
this use case, to set the size of a long integer to be used.

RETURN VALUE

The *tep_parse_header_page()* function returns 0 in case of success,
 or -1
in case of an error.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...

```
struct tep_handle *tep = tep_alloc();
...
char *buf;
int size;
buf = read_file("/sys/kernel/tracing/events/header_page", &size);
if (tep_parse_header_page(tep, buf, size, sizeof(unsigned long)) != 0) {
 /* Failed to parse the header page */
}
...
```
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
--
REPORTING BUGS

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LICENSE
----
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RESOURCES
----
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

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libtraceevent(3)
==========

NAME
----
tep_find_common_field, tep_find_field, tep_find_any_field -
Search for a field in an event.

SYNOPSIS

[verse]
--
#include <event-parse.h>

struct tep_format_field pass:[*]*tep_find_common_field*(struct tep_event pass:[*]_event_, const char pass:[*]_name_);
struct tep_format_field pass:[*]*tep_find_field*(struct tep_event_ormat pass:[*]_event_, const char pass:[*]_name_);
struct tep_format_field pass:[*]*tep_find_any_field*(struct tep_event pass:[*]_event_, const char pass:[*]_name_);
--

DESCRIPTION

These functions search for a field with given name in an event. The field
returned can be used to find the field content from within a data record.

The *tep_find_common_field()* function searches for a common field with _name_
in the _event_.

The *tep_find_field()* function searches for an event specific field with
name in the _event_.

The *tep_find_any_field()*
 function searches for any field with _name_ in the
event.

RETURN VALUE

The _tep_find_common_field(), *tep_find_field()* and _tep_find_any_field()_
functions return a pointer to the found field, or NULL in case there is no field
with the requested name.

EXAMPLE

[source,c]
--

```
#include <event-parse.h>
...
void get_htimer_info(struct tep_handle *tep, struct tep_record *record)
{
 struct tep_format_field *field;
 struct tep_event *event;
 long long softexpires;
 int mode;
 int pid;

 event = tep_find_event_by_name(tep, "timer", "hrtimer_start");

 field = tep_find_common_field(event, "common_pid");
 if (field == NULL) {
  /* Cannot find "common_pid" field in the event */
 } else {
  /* Get pid from the data record */
  pid = tep_read_number(tep, record->data + field->offset,
        field->size);
 }

 field = tep_find_field(event, "softexpires");
 if (field == NULL) {
  /* Cannot find "softexpires" event specific field in the event */
 } else {
  /* Get
 softexpires parameter from the data record */
  softexpires = tep_read_number(tep, record->data + field->offset,
         field->size);
 }

 field = tep_find_any_field(event, "mode");
 if (field == NULL) {
  /* Cannot find "mode" field in the event */
 } else
 {
  /* Get mode parameter from the data record */
  mode = tep_read_number(tep, record->data + field->offset,
         field->size);
 }
}
...
--

FILES
-----
[verse]
--
```

event-parse.h
Header file to include in order to have access to the library APIs.
-ltraceevent
Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

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--
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RESOURCES
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libtraceevent(3)
================

NAME
----
tep_get_header_page_size, tep_get_header_timestamp_size, tep_is_old_format -
Get the data stored in the header page, in kernel context.

SYNOPSIS

[verse]
--
#include <event-parse.h>

int *tep_get_header_page_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_header_timestamp_size*(struct tep_handle pass:[*]_tep_);
bool *tep_is_old_format*(struct tep_handle pass:[*]_tep_);
--

DESCRIPTION

These functions retrieve information from kernel context, stored in tracefs events/header_page. Old kernels do not have header page info, so default values from user space context are used.

The *tep_get_header_page_size()* function returns the size of a long integer, in kernel context. The _tep_ argument is trace event parser context.
This information is retrieved from tracefs events/header_page, "commit" field.

The *tep_get_header_timestamp_size()* function returns
the size of timestamps,
in kernel context. The _tep_ argument is trace event parser context. This information is retrieved from tracefs events/header_page, "timestamp" field.

The *tep_is_old_format()* function returns true if the kernel predates the addition of events/header_page, otherwise it returns false.

RETURN VALUE

The *tep_get_header_page_size()* function returns the size of a long integer, in bytes.

The *tep_get_header_timestamp_size()* function returns the size of timestamps, in bytes.

The *tep_is_old_format()* function returns true, if an old kernel is used to generate the tracing data, which has no event/header_page. If the kernel is new, or _tep_ is NULL, false is returned.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
 int longsize;
 int timesize;
 bool old;

 longsize = tep_get_header_page_size(tep);
 timesize = tep_get_header_timestamp_size(tep);

```
 old = tep_is_old_format(tep);

 printf ("%s kernel
 is used to generate the tracing data.\n",
  old?"Old":"New");
 printf("The size of a long integer is %d bytes.\n", longsize);
 printf("The timestamps size is %d bytes.\n", timesize);
...
--

FILES
-----
[verse]
--
*event-parse.h*
 Header file to include in order to have access to the library APIs.
*-ltraceevent*
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
--------
*libtraceevent*(3), *trace-cmd*(1)

AUTHOR
------
[verse]
--
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
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RESOURCES
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libtraceevent(3)
```

==========

NAME
----
tep_set_function_resolver, tep_reset_function_resolver, tep_register_function, tep_register_print_string, tep_get_function_count - function related tep APIs

SYNOPSIS

[verse]
--
#include <event-parse.h>

typedef char pass:[*](*tep_func_resolver_t*)(void pass:[*]_priv_, unsigned long long pass:[*]_addrp_, char pass:[**]_modp_);
int *tep_set_function_resolver*(struct tep_handle pass:[*]_tep_, tep_func_resolver_t pass:[*]_func_, void pass:[*]_priv_);
void *tep_reset_function_resolver*(struct tep_handle pass:[*]_tep_);
int *tep_register_function*(struct tep_handle pass:[*]_tep_, char pass:[*]_name_, unsigned long long _addr_, char pass:[*]_mod_);
int *tep_register_print_string*(struct tep_handle pass:[*]_tep_, const char pass:[*]_fmt_, unsigned long long _addr_);
int *tep_get_function_count*(struct tep_handle *_tep_)
--

DESCRIPTION

Some tools may have already
 a way to resolve the kernel functions. These APIs
allow them to keep using it instead of duplicating all the entries inside.

The _tep_func_resolver_t_ type is the prototype of the alternative kernel
functions resolver. This function receives a pointer to its custom context
(set with the *tep_set_function_resolver()* call) and the address of a kernel
function, which has to be resolved. In case of success, it should return
the name of the function and its module (if any) in _modp_.

The *tep_set_function_resolver()* function registers _func_ as an alternative
kernel functions resolver. The _tep_ argument is trace event parser context.
The _priv_ argument is a custom context of the _func_ function. The function
resolver is used by the APIs *tep_find_function*(3),
tep_find_function_address(3), and *tep_print_func_field()* to resolve
a function address to a function name.

The *tep_reset_function_resolver()* function resets the kernel functions
resolver to the default function.
 The _tep_ argument is trace event parser
context.

These APIs can be used to find function name and start address, by given
address. The given address does not have to be exact, it will select
the function that would contain it.

The *tep_register_function()* function registers a function name mapped to an
address and (optional) module. This mapping is used in case the function tracer
or events have "%pS" parameter in its format string. It is common to pass in
the kallsyms function names with their corresponding addresses with this
function. The _tep_ argument is the trace event parser context. The _name_ is
the name of the function, the string is copied internally. The _addr_ is the
start address of the function. The _mod_ is the kernel module the function may
be in (NULL for none).

The *tep_register_print_string()* function registers a string by the address
it was stored in the kernel. Some strings internal to the kernel with static
address are passed to certain events. The "%s" in
 the event's format field
which has an address needs to know what string would be at that address. The
tep_register_print_string() supplies the parsing with the mapping between kernel
addresses and those strings. The _tep_ argument is the trace event parser
context. The _fmt_ is the string to register, it is copied internally.
The _addr_ is the address the string was located at.

tep_get_function_count() returns the number of registered functions in a tep handler.

RETURN VALUE

The *tep_set_function_resolver()* function returns 0 in case of success, or -1
in case of an error.

The *tep_register_function()* function returns 0 in case of success. In case of
an error -1 is returned, and errno is set to the appropriate error number.

The *tep_register_print_string()* function returns 0 in case of success. In case
of an error -1 is returned, and errno is set to the appropriate error number.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep =
 tep_alloc();
...
char *my_resolve_kernel_addr(void *context,

```
        unsigned long long *addrp, char **modp)
{
 struct db *function_database = context;
 struct symbol *sym = sql_lookup(function_database, *addrp);

 if (!sym)
  return NULL;

 *modp = sym->module_name;
 return sym->name;
}

void show_function( unsigned long long addr)
{
 unsigned long long fstart;
 const char *fname;

 if (tep_set_function_resolver(tep, my_resolve_kernel_addr,
         function_database) != 0) {
  /* failed to register my_resolve_kernel_addr */
 }

 /* These APIs use my_resolve_kernel_addr() to resolve the addr */
 fname = tep_find_function(tep, addr);
 fstart = tep_find_function_address(tep, addr);

 /*
    addr is in function named fname, starting at fstart address,
    at offset (addr - fstart)
 */

 tep_reset_function_resolver(tep);

}
...
 if (tep_register_function(tep, "kvm_exit",
    (unsigned long long) 0x12345678, "kvm") != 0) {
  /* Failed to register kvm_exit address mapping */
 }
...
 if (tep_register_print_string(tep,
 "print string",
    (unsigned long long) 0x87654321, NULL) != 0) {
  /* Failed to register "print string" address mapping */
 }
...
--
```

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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libtraceevent(3)
================

NAME
----
tep_print_printk, tep_print_funcs, tep_set_test_filters, tep_plugin_print_options -
Print libtraceevent internal information.

SYNOPSIS

[verse]

--
#include <event-parse.h>
#include <trace-seq.h>

void *tep_print_printk*(struct tep_handle pass:[*]tep);
void *tep_print_funcs*(struct tep_handle pass:[*]tep);
void *tep_set_test_filters*(struct tep_handle pass:[*]tep, int test_filters);
void *tep_plugin_print_options*(struct trace_seq pass:[*]s);
--

DESCRIPTION

The *tep_print_printk()* function prints the printk string formats that were
stored for this tracing session. The _tep_ argument is trace event parser context.

The *tep_print_funcs()* function prints the stored function name to address mapping
for this tracing session. The _tep_ argument is trace event parser context.

The *tep_set_test_filters()* function sets a flag to test a filter string. If
this
flag is set, when *tep_filter_add_filter_str()* API as called, it will print the filter
string instead of adding it. The _tep_ argument is trace event parser context.
The _test_filters_ argument is the test flag that will be set.

The *tep_plugin_print_options()* function writes a list of the registered plugin options
into _s_.

EXAMPLE

[source,c]
--
#include <event-parse.h>
#include <trace-seq.h>
...
struct tep_handle *tep = tep_alloc();
...
tep_print_printk(tep);
...
tep_print_funcs(tep);
...
struct tep_event_filter *filter = tep_filter_alloc(tep);
tep_set_test_filters(tep, 1);
tep_filter_add_filter_str(filter, "sched/sched_wakeup:target_cpu==1");
tep_set_test_filters(tep, 0);
tep_filter_free(filter);
...
struct trace_seq seq;
trace_seq_init(&seq);

```
 tep_plugin_print_options(&s);
...
--

FILES
-----
[verse]
--
*event-parse.h*
 Header file to include in order to have access to the library APIs.
*-ltraceevent*
 Linker switch to add when building a program that uses
 the library.
--

SEE ALSO
--------
*libtraceevent*(3), *trace-cmd*(1)

AUTHOR
------
[verse]
--
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
*Tzvetomir Stoyanov* <tz.stoyanov@gmail.com>, author of this man page.
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libtraceevent(3)
================

NAME
----
```

tep_get_page_size, tep_set_page_size, tep_get_sub_buffer_data_size, tep_get_sub_buffer_size - Get / set the size of a memory page on
the machine, where the trace is generated

SYNOPSIS

[verse]
--
#include <event-parse.h>

int *tep_get_page_size*(struct tep_handle pass:[*]_tep_);
void *tep_set_page_size*(struct tep_handle pass:[*]_tep_, int _page_size_);
int *tep_get_sub_buffer_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_sub_buffer_data_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_sub_buffer_commit_offset*(struct tep_handle pass:[*]_tep_);
--

DESCRIPTION

The *tep_get_page_size()* function returns the size of a memory page on
the machine, where the trace is generated. The _tep_ argument is trace
event parser context.

The *tep_set_page_size()* function stores in the _tep_ context the size of a
memory page on the machine, where the trace
is generated.
The _tep_ argument is trace event parser context.
The _page_size_ argument is the size of a memory page, in bytes.

The *tep_get_sub_buffer_size()* returns the size of each "sub buffer" of the
ring buffer. The Linux kernel ring buffer is broken up into sections called
sub buffers. This returns the size of those buffers.

The *tep_get_sub_buffer_data_size()* returns the size of just the data portion
of the sub buffers.

The *tep_get_sub_buffer_commit_offset()* returns the offset on the sub buffer
that holds the committed portion of data. This number contains the index from
the data portion of the sub buffer that is the end of the last element on the
sub buffer.

RETURN VALUE

The *tep_get_page_size()* function returns size of the memory page, in bytes.

The *tep_get_sub_buffer_size()* function returns the number of bytes each sub
buffer is made up of.

The *tep_get_sub_buffer_commit_offset()* function returns the location on the
sub buffer that contains the
 index of the last element.

EXAMPLE

[source,c]
--
#include <unistd.h>
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
 int page_size = getpagesize();

 tep_set_page_size(tep, page_size);

 printf("The page size for this machine is %d\n", tep_get_page_size(tep));

--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

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libtraceevent(3)
==========

NAME
---
tep_print_event - Writes event information into a trace sequence.

SYNOPSIS

[verse]
--
#include <event-parse.h>
#include <trace-seq.h>

void *tep_print_event*(struct tep_handle pass:[*]_tep_, struct trace_seqpass:[*]_s_, struct tep_record pass:[*]_record_, const char pass:[*]_fmt_, _..._)
--

DESCRIPTION

The *tep_print_event()* function parses the event information of the given
record and writes it into the trace sequence _s_, according to the format
string _fmt_. The desired information is specified after the format string.
The _fmt_ is printf-like format string, following arguments are supported:
[verse]
--
 TEP_PRINT_PID, "%d" - PID of the event.
 TEP_PRINT_CPU, "%d" - Event CPU.
 TEP_PRINT_COMM, "%s" - Event command string.
 TEP_PRINT_NAME, "%s" - Event name.
 TEP_PRINT_LATENCY, "%s" - Latency of the event. It prints 4 or more

fields -
interrupt state, scheduling state,
current context, and preemption count.
Field 1 is the interrupt enabled state:
d : Interrupts are disabled
. : Interrupts are enabled
X : The architecture does not support this
information
Field 2 is the "need resched" state.
N : The task is set to call the scheduler when
possible, as another higher priority task
may need to be scheduled in.
. : The task is not set to call the scheduler.
Field 3 is the context state.
. : Normal context
s : Soft interrupt context
h : Hard interrupt context
H : Hard interrupt context which triggered
during soft interrupt context.
z : NMI context
Z : NMI context which triggered during hard
interrupt context
Field 4 is the preemption count.
. : The preempt count is zero.
On preemptible kernels (where the task can be scheduled
out in arbitrary locations while in kernel context), the
preempt count, when non zero,
will prevent the kernel
from scheduling out the current task. The preempt count
number is displayed when it is not zero.
Depending on the kernel, it may show other fields
(lock depth, or migration disabled, which are unique to
specialized kernels).
TEP_PRINT_TIME, %d - event time stamp. A divisor and precision can be
specified as part of this format string:
"%precision.divisord". Example:
"%3.1000d" - divide the time by 1000 and print the first
3 digits before the dot. Thus, the time stamp
"123456000" will be printed as "123.456"
TEP_PRINT_INFO, "%s" - event information.
TEP_PRINT_INFO_RAW, "%s" - event information, in raw format.

--
EXAMPLE

[source,c]
--
#include <event-parse.h>

```
#include <trace-seq.h>
...
struct trace_seq seq;
trace_seq_init(&seq);
struct tep_handle *tep = tep_alloc();
...
void print_my_event(struct tep_record *record)
{
 trace_seq_reset(&seq);
 tep_print_event(tep, s, record, "%16s-%-5d [%03d] %s %6.1000d %s %s",
   TEP_PRINT_COMM,
 TEP_PRINT_PID, TEP_PRINT_CPU,
   TEP_PRINT_LATENCY, TEP_PRINT_TIME, TEP_PRINT_NAME,
   TEP_PRINT_INFO);
}
...
```
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
trace-seq.h
 Header file to include in order to have access to trace sequences related APIs.
 Trace sequences are used to allow a function to call several other functions
 to create a string of data to use.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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libtraceevent(3)
==========

NAME
---
tep_read_number_field - Reads a number from raw data.

SYNOPSIS

[verse]
--
#include <event-parse.h>

int *tep_read_number_field*(struct tep_format_field pass:[*]_field_, const void pass:[*]_data_, unsigned long long pass:[*]_value_);
--

DESCRIPTION

The *tep_read_number_field()* function reads the value of the _field_ from the raw _data_ and stores it in the _value_. The function sets the _value_ according to the endianness of the raw data and the current machine and stores it in _value_.

RETURN VALUE

The *tep_read_number_field()* function retunrs 0 in case of success, or -1 in case of an error.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();

```
...
struct tep_event *event = tep_find_event_by_name(tep, "timer", "hrtimer_start");
...
void process_record(struct tep_record *record)
{
 unsigned
 long long pid;
 struct tep_format_field *field_pid = tep_find_common_field(event, "common_pid");

 if (tep_read_number_field(field_pid, record->data, &pid) != 0) {
  /* Failed to get "common_pid" value */
 }
}
...
```

--

FILES

[verse]

--

event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.

--

SEE ALSO

---

libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]

--

Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--

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libtraceevent(3)
==========

NAME
----
tep_set_flag, tep_clear_flag, tep_test_flag -
Manage flags of trace event parser context.

SYNOPSIS

[verse]
--
#include <event-parse.h>

enum *tep_flag* {
 _TEP_NSEC_OUTPUT_,
 _TEP_DISABLE_SYS_PLUGINS_,
 _TEP_DISABLE_PLUGINS_
};
void *tep_set_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flag_);
void *tep_clear_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flag_);
bool *tep_test_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flag_);
--

DESCRIPTION

Trace event parser context flags are defined in *enum tep_flag*:
[verse]
--
_TEP_NSEC_OUTPUT_ - print event's timestamp in nano seconds, instead of micro seconds.
_TEP_DISABLE_SYS_PLUGINS_ - disable plugins, located in system's plugin
   directory. This directory is defined at library compile
   time, and usually depends on library installation
   prefix: (install_preffix)/lib/traceevent/plugins
_TEP_DISABLE_PLUGINS_
 - disable all library plugins:
   - in system's plugin directory
   - in directory, defined by the environment variable _TRACEEVENT_PLUGIN_DIR_
   - in user's home directory, _~/.traceevent/plugins_
--
Note: plugin related flags must me set before calling *tep_load_plugins()* API.

The *tep_set_flag()* function sets _flag_ to _tep_ context.

The *tep_clear_flag()* function clears _flag_ from _tep_ context.

The *tep_test_flag()* function tests if _flag_ is set to _tep_ context.

RETURN VALUE
----
tep_test_flag() function returns true if _flag_ is set, false otherwise.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
/* Print timestamps in nanoseconds */
tep_set_flag(tep, TEP_NSEC_OUTPUT);
...
if (tep_test_flag(tep, TEP_NSEC_OUTPUT)) {
 /* print timestamps in nanoseconds */
} else {
 /* print timestamps in microseconds */
}
...
/* Print timestamps in microseconds */
tep_clear_flag(tep, TEP_NSEC_OUTPUT);
...
--
FILES

[verse]
--
event-parse.h
 Header
 file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

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libtraceevent(3)
==========

NAME
---
tep_register_print_function,tep_unregister_print_function -
Registers / Unregisters a helper function.

SYNOPSIS

[verse]
--
#include <event-parse.h>

enum *tep_func_arg_type* {
 TEP_FUNC_ARG_VOID,
 TEP_FUNC_ARG_INT,
 TEP_FUNC_ARG_LONG,
 TEP_FUNC_ARG_STRING,
 TEP_FUNC_ARG_PTR,
 TEP_FUNC_ARG_MAX_TYPES
};

typedef unsigned long long (*pass:[*]tep_func_handler*)(struct trace_seq pass:[*]s, unsigned long long pass:[*]args);

int *tep_register_print_function*(struct tep_handle pass:[*]_tep_, tep_func_handler _func_, enum tep_func_arg_type _ret_type_, char pass:[*]_name_, _..._);
int *tep_unregister_print_function*(struct tep_handle pass:[*]_tep_, tep_func_handler _func_, char

pass:[*]_name_);
--

DESCRIPTION

Some events may have helper functions in the print format arguments.
This allows a plugin to dynamically create a way to process one of
these functions.

The
tep_register_print_function() registers such helper function. The _tep_
argument is the trace event parser context. The _func_ argument is a pointer
to the helper function. The _ret_type_ argument is the return type of the
helper function, value from the _tep_func_arg_type_ enum. The _name_ is the name
of the helper function, as seen in the print format arguments. The _..._ is a
variable list of _tep_func_arg_type_ enums, the _func_ function arguments.
This list must end with _TEP_FUNC_ARG_VOID_. See 'EXAMPLE' section.

The *tep_unregister_print_function()* unregisters a helper function, previously
registered with *tep_register_print_function()*. The _tep_ argument is the
trace event parser context. The _func_ and _name_ arguments are the same, used
when the helper function was registered.

The _tep_func_handler_ is the type of the helper function. The _s_ argument is
the trace sequence, it can be used to create a custom string.
The _args_ is a list of arguments, defined when
the helper function was
registered.

RETURN VALUE

The *tep_register_print_function()* function returns 0 in case of success.
In case of an error, TEP_ERRNO_... code is returned.

The *tep_unregister_print_function()* returns 0 in case of success, or -1 in
case of an error.

EXAMPLE

Some events have internal functions calls, that appear in the print format
output. For example "tracefs/events/i915/g4x_wm/format" has:
[source,c]
--
print fmt: "pipe %c, frame=%u, scanline=%u, wm %d/%d/%d, sr %s/%d/%d/%d, hpll %s/%d/%d/%d, fbc %s",
    ((REC->pipe) + 'A'), REC->frame, REC->scanline, REC->primary,
    REC->sprite, REC->cursor, yesno(REC->cxsr), REC->sr_plane,
    REC->sr_cursor, REC->sr_fbc, yesno(REC->hpll), REC->hpll_plane,
    REC->hpll_cursor, REC->hpll_fbc, yesno(REC->fbc)

--
Notice the call to function *yesno()* in the print arguments. In the kernel
context, this function has the following implementation:
[source,c]
--
```
static const char *yesno(int x)
{
 static
 const char *yes = "yes";
 static const char *no = "no";

 return x ? yes : no;
}
```
--
The user space event parser has no idea how to handle this *yesno()* function.
The *tep_register_print_function()* API can be used to register a user space
helper function, mapped to the kernel's *yesno()*:
[source,c]
--
```
#include <event-parse.h>
#include <trace-seq.h>
...
struct tep_handle *tep = tep_alloc();
...
static const char *yes_no_helper(int x)
{
 return x ? "yes" : "no";
}
...
 if ( tep_register_print_function(tep,
        yes_no_helper,
        TEP_FUNC_ARG_STRING,
        "yesno",
        TEP_FUNC_ARG_INT,
        TEP_FUNC_ARG_VOID) != 0) {
  /* Failed to register yes_no_helper function */
 }

/*
  Now, when the event parser encounters this yesno() function, it will know
  how to handle it.
*/
...
 if (tep_unregister_print_function(tep, yes_no_helper, "yesno") != 0) {
  /* Failed to unregister yes_no_helper function */
 }
```
--

FILES

[verse]
--
event-parse.h
 Header file to include
 in order to have access to the library APIs.
trace-seq.h
 Header file to include in order to have access to trace sequences
 related APIs. Trace sequences are used to allow a function to call
 several other functions to create a string of data to use.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

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libtraceevent(3)
================

NAME
----
tep_print_field_content, tep_print_fields, tep_print_num_field, tep_print_func_field, tep_record_print_fields,

tep_record_print_selected_fields -
Print the field content.

SYNOPSIS

[verse]
--
#include <event-parse.h>
#include <trace-seq.h>

void *tep_print_field_content*(struct trace_seq pass:[*]_s_, void pass:[*]_data_, int size, struct tep_format_field pass:[*]_field_);
void *tep_print_fields*(struct trace_seq pass:[*]_s_, void pass:[*]_data_, int _size_, struct tep_event pass:[*]_event_);
int *tep_print_num_field*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, struct tep_event pass:[*]_event_, const char pass:[*]_name_, struct tep_record pass:[*]_record_, int _err_);
int *tep_print_func_field*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, struct tep_event pass:[*]_event_, const char pass:[*]_name_, struct tep_record pass:[*]_record_, int
 err);
void *tep_record_print_fields*(struct trace_seq pass:[*]_s_, struct tep_record pass:[*]_record_, struct tep_event pass:[*]_event_);
void *tep_record_print_selected_fields*(struct trace_seq pass:[*]_s_, struct tep_record pass:[*]_record_, struct tep_event pass:[*]_event_, int _select_mask_);
--

DESCRIPTION

These functions print recorded field's data, according to the field's type.

The *tep_print_field_content()* function extracts from the recorded raw _data_ value of the _field_ and prints it into _s_, according to the field type.

The *tep_print_fields()* prints each field name followed by the record's field value according to the field's type:
[verse]
--
"field1_name=field1_value field2_name=field2_value ..."
--
It iterates all fields of the _event_, and calls *tep_print_field_content()* for each of them.

The *tep_print_num_field()* function prints a numeric field with given format string. A search is performed in the _event_ for a field with _name_. If such field
 is found, its value is extracted from the _record_ and is printed in the _s_, according to the given format string _fmt_. If the argument _err_ is non-zero, and an error occures - it is printed in the _s_.

The *tep_print_func_field()* function prints a function field with given format string. A search is performed in the _event_ for a field with _name_. If such field is found, its value is extracted from the _record_. The value is assumed to be a function address, and a search is perform to find the name of this function. The function name (if found) and its address are printed in the _s_, according to the given format string _fmt_. If the argument _err_ is non-zero, and an error occures - it is printed in _s_.

The *tep_record_print_fields()* prints the field's name followed by its value for all record's field.

The *tep_record_print_selected_fields()* prints the field's name followed by its value for selected subset of record field. The fields to be printed are defined by the _select_mask_
bit mask.

RETURN VALUE

The *tep_print_num_field()* and *tep_print_func_field()* functions return 1 on success, -1 in case of an error or 0 if the print buffer _s_ is full.

EXAMPLE

[source,c]
--
```
#include <event-parse.h>
#include <trace-seq.h>
...
struct tep_handle *tep = tep_alloc();
...
struct trace_seq seq;
trace_seq_init(&seq);
struct tep_event *event = tep_find_event_by_name(tep, "timer", "hrtimer_start");
...
void process_record(struct tep_record *record)
{
 struct tep_format_field *field_pid = tep_find_common_field(event, "common_pid");

 trace_seq_reset(&seq);

 /* Print the value of "common_pid" */
 tep_print_field_content(&seq, record->data, record->size, field_pid);

 /* Print all fields of the "hrtimer_start" event */
 tep_print_fields(&seq, record->data, record->size, event);

 /* Print the value of "expires" field with custom format string */
 tep_print_num_field(&seq, " timer expires in %llu ", event, "expires", record, 0);
```

```
 /* Print the
  address and the name of "function" field with custom format string */
  tep_print_func_field(&seq, " timer function is %s ", event, "function", record, 0);
}
...
--

FILES
-----
[verse]
--
*event-parse.h*
  Header file to include in order to have access to the library APIs.
*trace-seq.h*
  Header file to include in order to have access to trace sequences related APIs.
  Trace sequences are used to allow a function to call several other functions
  to create a string of data to use.
*-ltraceevent*
  Linker switch to add when building a program that uses the library.
--

SEE ALSO
--------
*libtraceevent*(3), *trace-cmd*(1)

AUTHOR
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*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
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libtraceevent(3)
==========

NAME
----
tep_load_plugins, tep_unload_plugins, tep_load_plugins_hook, tep_add_plugin_path,
tep_plugin_add_option - Load / unload traceevent plugins.

SYNOPSIS

[verse]
--
#include <event-parse.h>

struct tep_plugin_list pass:[*]*tep_load_plugins*(struct tep_handle pass:[*]_tep_);
void *tep_unload_plugins*(struct tep_plugin_list pass:[*]_plugin_list_, struct tep_handle pass:[*]_tep_);
void *tep_load_plugins_hook*(struct tep_handle pass:[*]_tep_, const char pass:[*]_suffix_,
     void (pass:[*]_load_plugin_)(struct tep_handle pass:[*]tep,
          const char pass:[*]path,
          const char pass:[*]name,
          void pass:[*]data),
     void pass:[*]_data_);
int *tep_add_plugin_path*(struct tep_handle pass:[*]tep, char pass:[*]path,
    enum tep_plugin_load_priority prio);
int *tep_plugin_add_option*(const char pass:[*]_name_, const char pass:[*]_val_);
--

DESCRIPTION

The
 tep_load_plugins() function loads all plugins, located in the plugin
directories. The _tep_ argument is trace event parser context.
The plugin directories are :
[verse]
--
 - Directories, specified in _tep_->plugins_dir with priority TEP_PLUGIN_FIRST
 - System's plugin directory, defined at the library compile time. It
   depends on the library installation prefix and usually is
   _(install_preffix)/lib/traceevent/plugins_
 - Directory, defined by the environment variable _TRACEEVENT_PLUGIN_DIR_
 - User's plugin directory, located at _~/.local/lib/traceevent/plugins_
 - Directories, specified in _tep_->plugins_dir with priority TEP_PLUGIN_LAST
--
Loading of plugins can be controlled by the _tep_flags_, using the
tep_set_flag() API:
[verse]

--
 _TEP_DISABLE_SYS_PLUGINS_ - do not load plugins, located in
    the system's plugin directory.
 _TEP_DISABLE_PLUGINS_ - do not load any plugins.
--
The *tep_set_flag()* API needs to be called before *tep_load_plugins()*,
 if
loading of all plugins is not the desired case.

The *tep_unload_plugins()* function unloads the plugins, previously loaded by
tep_load_plugins(). The _tep_ argument is trace event parser context. The
_plugin_list_ is the list of loaded plugins, returned by
the *tep_load_plugins()* function.

The *tep_load_plugins_hook()* function walks through all directories with plugins
and calls user specified *load_plugin()* hook for each plugin file. Only files
with given _suffix_ are considered to be plugins. The _data_ is a user specified
context, passed to *load_plugin()*. Directories and the walk order are the same
as in *tep_load_plugins()* API.

The *tep_add_plugin_path()* functions adds additional directories with plugins in
the _tep_->plugins_dir list. It must be called before *tep_load_plugins()* in order
for the plugins from the new directories to be loaded. The _tep_ argument is
the trace event parser context. The _path_ is the full path to the new plugin
directory. The _prio_
 argument specifies the loading priority order for the
new directory of plugins. The loading priority is important in case of different
versions of the same plugin located in multiple plugin directories.The last loaded
plugin wins. The priority can be:
[verse]
--
 _TEP_PLUGIN_FIRST_ - Load plugins from this directory first
 _TEP_PLUGIN_LAST_ - Load plugins from this directory last
--
Where the plugins in TEP_PLUGIN_LAST" will take precedence over the
plugins in the other directories.

The *tep_plugin_add_option()* sets options defined by a plugin. The _name_ is the
name of the option to set to _val_. Plugins can add options to change its behavior
and *tep_plugin_add_option()* is used by the application to make those modifications.

RETURN VALUE

The *tep_load_plugins()* function returns a list of successfully loaded plugins,
or NULL in case no plugins are loaded.
The *tep_add_plugin_path()* function returns -1 in case of an error, 0 otherwise.

EXAMPLE

[source,c]
--
#include
 <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
tep_add_plugin_path(tep, "~/dev_plugins", TEP_PLUGIN_LAST);
...
struct tep_plugin_list *plugins = tep_load_plugins(tep);
if (plugins == NULL) {
 /* no plugins are loaded */
}
...
tep_unload_plugins(plugins, tep);
...
void print_plugin(struct tep_handle *tep, const char *path,
    const char *name, void *data)
{
 pritnf("Found libtraceevent plugin %s/%s\n", path, name);
}
...
tep_load_plugins_hook(tep, ".so", print_plugin, NULL);
...
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1), *tep_set_flag*(3)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.

--
REPORTING BUGS

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LICENSE
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RESOURCES
---
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

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libtraceevent(3)
==========

NAME
---
tep_get_cpus, tep_set_cpus - Get / set the number of CPUs, which have a tracing
buffer representing it. Note, the buffer may be empty.

SYNOPSIS

[verse]
--
#include <event-parse.h>

int *tep_get_cpus*(struct tep_handle pass:[*]_tep_);
void *tep_set_cpus*(struct tep_handle pass:[*]_tep_, int _cpus_);
--

DESCRIPTION

The *tep_get_cpus()* function gets the number of CPUs, which have a tracing
buffer representing it. The _tep_ argument is trace event parser context.

The *tep_set_cpus()* function sets the number of CPUs, which have a tracing
buffer representing it. The _tep_ argument is trace event parser context.
The _cpu_ argument is the number of CPUs with tracing data.

RETURN VALUE

The *tep_get_cpus()* functions returns the number of CPUs, which have tracing

data recorded.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct
 tep_handle *tep = tep_alloc();
...
 tep_set_cpus(tep, 5);
...
 printf("We have tracing data for %d CPUs", tep_get_cpus(tep));
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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RESOURCES
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libtraceevent(3)
==========

NAME
----
trace_seq_init, trace_seq_destroy, trace_seq_reset, trace_seq_terminate,
trace_seq_putc, trace_seq_puts, trace_seq_printf, trace_seq_vprintf,
trace_seq_do_fprintf, trace_seq_do_printf -
Initialize / destroy a trace sequence.

SYNOPSIS

[verse]
--
#include <event-parse.h>
#include <trace-seq.h>

void *trace_seq_init*(struct trace_seq pass:[*]_s_);
void *trace_seq_destroy*(struct trace_seq pass:[*]_s_);
void *trace_seq_reset*(struct trace_seq pass:[*]_s_);
void *trace_seq_terminate*(struct trace_seq pass:[*]_s_);
int *trace_seq_putc*(struct trace_seq pass:[*]_s_, unsigned char _c_);
int *trace_seq_puts*(struct trace_seq pass:[*]_s_, const char pass:[*]_str_);
int *trace_seq_printf*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, _..._);
int *trace_seq_vprintf*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, va_list _args_);
int *trace_seq_do_printf*(struct
 trace_seq pass:[*]_s_);
int *trace_seq_do_fprintf*(struct trace_seq pass:[*]_s_, FILE pass:[*]_fp_);
--

DESCRIPTION

Trace sequences are used to allow a function to call several other functions
to create a string of data to use.

The *trace_seq_init()* function initializes the trace sequence _s_.

The *trace_seq_destroy()* function destroys the trace sequence _s_ and frees
all its resources that it had used.

The *trace_seq_reset()* function re-initializes the trace sequence _s_. All
characters already written in _s_ will be deleted.

The *trace_seq_terminate()* function terminates the trace sequence _s_. It puts the null character pass:['\0'] at the end of the buffer.

The *trace_seq_putc()* function puts a single character _c_ in the trace sequence _s_.

The *trace_seq_puts()* function puts a NULL terminated string _str_ in the trace sequence _s_.

The *trace_seq_printf()* function puts a formated string _fmt _with variable arguments _..._ in the trace sequence
_s_.

The *trace_seq_vprintf()* function puts a formated string _fmt _with list of arguments _args_ in the trace sequence _s_.

The *trace_seq_do_printf()* function prints the buffer of trace sequence _s_ to the standard output stdout.

The *trace_seq_do_fprintf()* function prints the buffer of trace sequence _s_ to the given file _fp_.

RETURN VALUE

Both *trace_seq_putc()* and *trace_seq_puts()* functions return the number of characters put in the trace sequence, or 0 in case of an error

Both *trace_seq_printf()* and *trace_seq_vprintf()* functions return 0 if the trace oversizes the buffer's free space, the number of characters printed, or a negative value in case of an error.

Both *trace_seq_do_printf()* and *trace_seq_do_fprintf()* functions return the number of printed characters, or -1 in case of an error.

EXAMPLE

[source,c]
--
#include <event-parse.h>
#include <trace-seq.h>
...
struct trace_seq seq;
trace_seq_init(&seq);
...
void foo_seq_print(struct trace_seq
 *tseq, char *format, ...)
{
 va_list ap;

```
 va_start(ap, format);
 if (trace_seq_vprintf(tseq, format, ap) <= 0) {
  /* Failed to print in the trace sequence */
 }
 va_end(ap);
}

trace_seq_reset(&seq);

char *str = " MAN page example";
if (trace_seq_puts(&seq, str) != strlen(str)) {
 /* Failed to put str in the trace sequence */
}
if (trace_seq_putc(&seq, ':') != 1) {
 /* Failed to put ':' in the trace sequence */
}
if (trace_seq_printf(&seq, " trace sequence: %d", 1) <= 0) {
 /* Failed to print in the trace sequence */
}
foo_seq_print( &seq, "  %d\n", 2);

trace_seq_terminate(&seq);
...

if (trace_seq_do_printf(&seq) < 0 ) {
 /* Failed to print the sequence buffer to the standard output */
}
FILE *fp = fopen("trace.txt", "w");
if (trace_seq_do_fprintf(&seq, fp) < 0 ) [
 /* Failed to print the sequence buffer to the trace.txt file */
}

trace_seq_destroy(&seq);
...
--

FILES
-----
[verse]
--
*event-parse.h*
 Header file to include in order to have access to the library APIs.
*trace-seq.h*
 Header
 file to include in order to have access to trace sequences related APIs.
*-ltraceevent*
 Linker switch to add when building a program that uses the library.
--
```

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
--
REPORTING BUGS

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LICENSE
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RESOURCES
----
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

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libtraceevent(3)
================

NAME
----
tep_find_function,tep_find_function_address,tep_find_function_info - Find function name / start address.

SYNOPSIS

[verse]
--
#include <event-parse.h>

const char pass:[*]*tep_find_function*(struct tep_handle pass:[*]_tep_, unsigned long long _addr_);
unsigned long long *tep_find_function_address*(struct tep_handle pass:[*]_tep_, unsigned long long _addr_);
int *tep_find_function_info*(struct tep_handle pass:[*]_tep_, unsigned long long _addr_, const char
pass:[**]_name_,
    unsigned long long pass:[*]_start_, unsigned long pass:[*]_size_);
--

DESCRIPTION

These functions can be used to find function name and start address, by given address. The given address does not have to be exact, it will select the function that would contain it.

The *tep_find_function()* function returns the function name, which contains the given address _addr_. The _tep_
argument is the trace event parser context.

The *tep_find_function_address()* function returns the function start address, by given address _addr_. The _addr_ does not have to be exact, it will select the function that would contain it. The _tep_ argument is the trace event parser context.

The *tep_find_function_info()* function retrieves the _name_, starting address (_start_), and the function text _size_ of the function at _address_, if it is found. Note, if the _tep_ handle has a function resolver (used by perf), then _size_ is set to zero.

RETURN VALUE

The *tep_find_function()* function returns the function name, or NULL in case it cannot be found.

The *tep_find_function_address()* function returns the function start address, or 0 in case it cannot be found.

The *tep_find_function_info()* function returns 1 if a function is found for the given address, or 0 if it is not.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
void
 show_function_name(unsigned long long addr)
{
 const char *fname = tep_find_function(tep, addr);

 if (fname)
  printf("Found function %s at 0x%0llx\n", fname, addr);
 else
  printf("No function found at 0x%0llx\n", addr);
}

```
void show_function_start_addr(unsigned long long addr)
{
 const char *fname = tep_find_function(tep, addr);
 unsigned long long fstart;

 if (!fname) {
  printf("No function found at 0x%0llx\n", addr);
  return;
 }

 fstart = tep_find_function_address(tep, addr);
 printf("Function %s at 0x%llx starts at 0x%0llx\n",
        fname, addr, fstart);
}

void show_function_info(unsigned long long addr)
{
 const char *fname;
 unsigned long long fstart;
 unsigned long size;

 ret = tep_find_function_info(tep, addr, &fname, &fstart, &size);
 if (!ret) {
  printf("No function found at 0x%0lx\n", addr);
  return;
 }

 printf("Function %s at 0x%lx starts at 0x%0lx and is %ld in size\n",
        fname, addr, fstart, size);
}
...
--

FILES
-----
[verse]
--
*event-parse.h*
 Header
 file to include in order to have access to the library APIs.
*-ltraceevent*
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
--------
*libtraceevent*(3), *trace-cmd*(1)
```

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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libtraceevent(3)
================

NAME
----
libtraceevent - Linux kernel trace event library

SYNOPSIS

[verse]
--
#include <event-parse.h>

Management of tep handler data structure and access of its members:
 struct tep_handle pass:[*]*tep_alloc*(void);
 void *tep_free*(struct tep_handle pass:[*]_tep_);
 void *tep_ref*(struct tep_handle pass:[*]_tep_);
 void *tep_unref*(struct tep_handle pass:[*]_tep_);
 int *tep_get_ref*(struct tep_handle pass:[*]_tep_);
 void *tep_set_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flag_);
 void *tep_clear_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flag_);
 bool *tep_test_flag*(struct tep_handle pass:[*]_tep_, enum tep_flag _flags_);
 int *tep_get_cpus*(struct tep_handle pass:[*]_tep_);
 void *tep_set_cpus*(struct tep_handle pass:[*]_tep_, int _cpus_);

int *tep_get_long_size*(strucqt tep_handle pass:[*]_tep_);
void *tep_set_long_size*(struct tep_handle
pass:[*]_tep_, int _long_size_);
int *tep_get_page_size*(struct tep_handle pass:[*]_tep_);
void *tep_set_page_size*(struct tep_handle pass:[*]_tep_, int _page_size_);
int *tep_get_sub_buffer_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_sub_buffer_data_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_sub_buffer_commit_offset*(struct tep_handle pass:[*]_tep_);
int *tep_get_header_page_size*(struct tep_handle pass:[*]_tep_);
int *tep_get_header_timestamp_size*(struct tep_handle pass:[*]_tep_);
bool *tep_is_old_format*(struct tep_handle pass:[*]_tep_);
int *tep_strerror*(struct tep_handle pass:[*]_tep_, enum tep_errno _errnum_, char pass:[*]_buf_, size_t _buflen_);
struct kbuffer pass:[*]*tep_kbuffer*(struct tep_handle pass:[*]_tep_);

Register / unregister APIs:
int *tep_register_function*(struct tep_handle pass:[*]_tep_, char pass:[*]_name_, unsigned long long _addr_, char pass:[*]_mod_);
int *tep_register_event_handler*(struct tep_handle pass:[*]_tep_, int _id_,
const char pass:[*]_sys_name_, const char pass:[*]_event_name_, tep_event_handler_func _func_, void pass:[*]_context_);
int *tep_unregister_event_handler*(struct tep_handle pass:[*]tep, int id, const char pass:[*]sys_name, const char pass:[*]event_name, tep_event_handler_func func, void pass:[*]_context_);
int *tep_register_print_string*(struct tep_handle pass:[*]_tep_, const char pass:[*]_fmt_, unsigned long long _addr_);
int *tep_register_print_function*(struct tep_handle pass:[*]_tep_, tep_func_handler _func_, enum tep_func_arg_type _ret_type_, char pass:[*]_name_, _..._);
int *tep_unregister_print_function*(struct tep_handle pass:[*]_tep_, tep_func_handler _func_, char pass:[*]_name_);
int *tep_get_function_count*(struct tep_handle *_tep_);

Trace printk parsing:
void *tep_print_printk*(struct tep_handle pass:[*]tep);
void *tep_print_funcs*(struct tep_handle pass:[*]tep);
void *tep_set_test_filters*(struct tep_handle pass:[*]tep, int test_filters);
void *tep_plugin_print_options*(struct
trace_seq pass:[*]s);
int *tep_plugin_add_option*(const char pass:[*]_name_, const char pass:[*]_val_);

Meta data parsing:
int *tep_parse_saved_cmdlines*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);
int *tep_parse_printk_formats*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);
int *tep_parse_kallsyms*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);

Plugins management:
struct tep_plugin_list pass:[*]*tep_load_plugins*(struct tep_handle pass:[*]_tep_);
void *tep_unload_plugins*(struct tep_plugin_list pass:[*]_plugin_list_, struct tep_handle pass:[*]_tep_);
char pass:[*]pass:[*]*tep_plugin_list_options*(void);
void *tep_plugin_free_options_list*(char pass:[*]pass:[*]_list_);

```
 int *tep_plugin_add_options*(const char pass:[*]_name_, struct tep_plugin_option pass:[*]_options_);
 void *tep_plugin_remove_options*(struct tep_plugin_option pass:[*]_options_);
 void *tep_print_plugins*(struct trace_seq pass:[*]_s_, const char pass:[*]_prefix_,
 const char pass:[*]_suffix_, const struct tep_plugin_list pass:[*]_list_);
 void *tep_load_plugins_hook*(struct tep_handle pass:[*]_tep_, const char pass:[*]_suffix_,
     void (pass:[*]_load_plugin_)(struct tep_handle pass:[*]tep,
          const char pass:[*]path,
          const char pass:[*]name,
          void pass:[*]data),
     void pass:[*]_data_);
 int *tep_add_plugin_path*(struct tep_handle pass:[*]tep, char pass:[*]path,
    enum tep_plugin_load_priority prio);
```

Event related APIs:

```
 struct tep_event pass:[*]*tep_get_event*(struct tep_handle pass:[*]_tep_, int _index_);
 struct tep_event pass:[*]*tep_get_first_event*(struct tep_handle pass:[*]_tep_);
 int *tep_get_events_count*(struct tep_handle pass:[*]_tep_);
 struct tep_event pass:[*]pass:[*]*tep_list_events*(struct tep_handle pass:[*]_tep_, enum tep_event_sort_type
_sort_type_);
 struct tep_event pass:[*]pass:[*]*tep_list_events_copy*(struct tep_handle pass:[*]_tep_, enum tep_event_sort_type
_sort_type_);
 void
 *tep_print_event*(struct tep_handle pass:[*]_tep_, struct trace_seq pass:[*]_s_, struct tep_record pass:[*]_record_,
const char pass:[*]_fmt_, _..._);
```

Event finding:

```
 struct tep_event pass:[*]*tep_find_event*(struct tep_handle pass:[*]_tep_, int _id_);
 struct tep_event pass:[*]*tep_find_event_by_name*(struct tep_handle pass:[*]_tep_, const char pass:[*]_sys_, const
char pass:[*]_name_);
 struct tep_event pass:[*]*tep_find_event_by_record*(struct tep_handle pass:[*]_tep_, struct tep_record
pass:[*]_record_);
 bool *tep_record_is_event*(struct tep_record pass:[*]record, struct tep_event pass:[*]event);
```

Parsing of event files:

```
 int *tep_parse_header_page*(struct tep_handle pass:[*]_tep_, char pass:[*]_buf_, unsigned long _size_, int
_long_size_);
 enum tep_errno *tep_parse_event*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_, unsigned long _size_,
const char pass:[*]_sys_);
 enum tep_errno *tep_parse_format*(struct tep_handle pass:[*]_tep_, struct tep_event pass:[*]pass:[*]_eventp_,
 const char pass:[*]_buf_, unsigned long _size_, const char pass:[*]_sys_);
```

APIs related to fields from event's format files:

```
 struct tep_format_field pass:[*]pass:[*]*tep_event_common_fields*(struct tep_event pass:[*]_event_);
 struct tep_format_field pass:[*]pass:[*]*tep_event_fields*(struct tep_event pass:[*]_event_);
 void pass:[*]*tep_get_field_raw*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char
pass:[*]_name_, struct tep_record pass:[*]_record_, int pass:[*]_len_, int _err_);
 int *tep_get_field_val*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char pass:[*]_name_,
struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
```

int *tep_get_common_field_val*(struct trace_seq pass:[*]_s_, struct tep_event pass:[*]_event_, const char pass:[*]_name_, struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
int *tep_get_any_field_val*(struct trace_seq pass:[*]_s_, struct
tep_event pass:[*]_event_, const char pass:[*]_name_, struct tep_record pass:[*]_record_, unsigned long long pass:[*]_val_, int _err_);
int *tep_read_number_field*(struct tep_format_field pass:[*]_field_, const void pass:[*]_data_, unsigned long long pass:[*]_value_);

Event fields printing:
void *tep_print_field_content*(struct trace_seq pass:[*]_s_, void pass:[*]_data_, int size, struct tep_format_field pass:[*]_field_);
void *tep_print_fields*(struct trace_seq pass:[*]_s_, void pass:[*]_data_, int _size_, struct tep_event pass:[*]_event_);
int *tep_print_num_field*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, struct tep_event pass:[*]_event_, const char pass:[*]_name_, struct tep_record pass:[*]_record_, int _err_);
int *tep_print_func_field*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, struct tep_event pass:[*]_event_, const char pass:[*]_name_, struct tep_record pass:[*]_record_, int _err_);
void *tep_record_print_fields*(struct trace_seq pass:[*]_s_,
struct tep_record pass:[*]_record_, struct tep_event pass:[*]_event_);
void *tep_record_print_selected_fields*(struct trace_seq pass:[*]_s_, struct tep_record pass:[*]_record_, struct tep_event pass:[*]_event_, int _select_mask_);

Event fields finding:
struct tep_format_field pass:[*]*tep_find_common_field*(struct tep_event pass:[*]_event_, const char pass:[*]_name_);
struct tep_format_field pass:[*]*tep_find_field*(struct tep_event_ormat pass:[*]_event_, const char pass:[*]_name_);
struct tep_format_field pass:[*]*tep_find_any_field*(struct tep_event pass:[*]_event_, const char pass:[*]_name_);

Functions resolver:
int *tep_set_function_resolver*(struct tep_handle pass:[*]_tep_, tep_func_resolver_t pass:[*]_func_, void pass:[*]_priv_);
void *tep_reset_function_resolver*(struct tep_handle pass:[*]_tep_);
const char pass:[*]*tep_find_function*(struct tep_handle pass:[*]_tep_, unsigned long long _addr_);
unsigned long long *tep_find_function_address*(struct tep_handle pass:[*]_tep_,
unsigned long long _addr_);
int *tep_find_function_info*(struct tep_handle pass:[*]_tep_, unsigned long long _addr_, const char pass:[**]_name_,
    unsigned long long pass:[*]_start_, unsigned long pass:[*]_size_);

Filter management:
struct tep_event_filter pass:[*]*tep_filter_alloc*(struct tep_handle pass:[*]_tep_);
enum tep_errno *tep_filter_add_filter_str*(struct tep_event_filter pass:[*]_filter_, const char pass:[*]_filter_str_);
enum tep_errno *tep_filter_match*(struct tep_event_filter pass:[*]_filter_, struct tep_record pass:[*]_record_);
int *tep_filter_strerror*(struct tep_event_filter pass:[*]_filter_, enum tep_errno _err_, char pass:[*]buf, size_t _buflen_);
int *tep_event_filtered*(struct tep_event_filter pass:[*]_filter_, int _event_id_);
void *tep_filter_reset*(struct tep_event_filter pass:[*]_filter_);

void *tep_filter_free*(struct tep_event_filter pass:[*]_filter_);
char pass:[*]*tep_filter_make_string*(struct tep_event_filter pass:[*]_filter_, int
_event_id_);
int *tep_filter_remove_event*(struct tep_event_filter pass:[*]_filter_, int _event_id_);
int *tep_filter_copy*(struct tep_event_filter pass:[*]_dest_, struct tep_event_filter pass:[*]_source_);
int *tep_filter_compare*(struct tep_event_filter pass:[*]_filter1_, struct tep_event_filter pass:[*]_filter2_);

Parsing various data from the records:
int *tep_data_type*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);
int *tep_data_pid*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);
int *tep_data_preempt_count*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);
int *tep_data_flags*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);

Command and task related APIs:
const char pass:[*]*tep_data_comm_from_pid*(struct tep_handle pass:[*]_tep_, int _pid_);
struct cmdline pass:[*]*tep_data_pid_from_comm*(struct tep_handle pass:[*]_tep_, const char pass:[*]_comm_,
struct cmdline pass:[*]_next_);
int *tep_register_comm*(struct
tep_handle pass:[*]_tep_, const char pass:[*]_comm_, int _pid_);
int *tep_override_comm*(struct tep_handle pass:[*]_tep_, const char pass:[*]_comm_, int _pid_);
bool *tep_is_pid_registered*(struct tep_handle pass:[*]_tep_, int _pid_);
int *tep_cmdline_pid*(struct tep_handle pass:[*]_tep_, struct cmdline pass:[*]_cmdline_);

Endian related APIs:
int *tep_is_bigendian*(void);
unsigned long long *tep_read_number*(struct tep_handle pass:[*]_tep_, const void pass:[*]_ptr_, int _size_);
bool *tep_is_file_bigendian*(struct tep_handle pass:[*]_tep_);
void *tep_set_file_bigendian*(struct tep_handle pass:[*]_tep_, enum tep_endian _endian_);
bool *tep_is_local_bigendian*(struct tep_handle pass:[*]_tep_);
void *tep_set_local_bigendian*(struct tep_handle pass:[*]_tep_, enum tep_endian _endian_);

Control library logs:
int *tep_set_loglevel*(enum tep_loglevel _level_);

KVM plugin calllbacks: (Defined by the application and complied with -rdynamic)
const char pass:[*]*tep_plugin_kvm_get_func*(struct
tep_event pass:[*]event,
struct tep_record pass:[*]record,
unsigned long long pass:[*]paddr);
void *tep_plugin_kvm_put_func*(const char pass:[*]func);

Trace sequences:
#include <trace-seq.h>
void *trace_seq_init*(struct trace_seq pass:[*]_s_);
void *trace_seq_reset*(struct trace_seq pass:[*]_s_);
void *trace_seq_destroy*(struct trace_seq pass:[*]_s_);
int *trace_seq_printf*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, ...);
int *trace_seq_vprintf*(struct trace_seq pass:[*]_s_, const char pass:[*]_fmt_, va_list _args_);

int *trace_seq_puts*(struct trace_seq pass:[*]_s_, const char pass:[*]_str_);
int *trace_seq_putc*(struct trace_seq pass:[*]_s_, unsigned char _c_);
void *trace_seq_terminate*(struct trace_seq pass:[*]_s_);
int *trace_seq_do_fprintf*(struct trace_seq pass:[*]_s_, FILE pass:[*]_fp_);
int *trace_seq_do_printf*(struct trace_seq pass:[*]_s_);

kbuffer parsing:
#include <kbuffer.h>
struct kbuffer pass:[*]*kbuffer_alloc*(enum
kbuffer_long_size _size_, enum kbuffer_endian _endian_);
struct kbuffer pass:[*]*kbuffer_dup*(struct kbuffer pass:[*]_kbuf_);
void *kbuffer_free*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_load_subbuffer*(struct kbuffer pass:[*]_kbuf_, void pass:[*]_subbuffer_);
int *kbuffer_subbuffer_size*(struct kbuffer pass:[*]_kbuf);
void pass:[*]*kbuffer_subbuffer*(struct kbuffer pass:[*]_kbuf);
int *kbuffer_refresh*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_start_of_data*(struct kbuffer pass:[*]_kbuf_);
unsigned long long *kbuffer_timestamp*(struct kbuffer pass:[*]_kbuf_);
unsigned long long *kbuffer_subbuf_timestamp*(struct kbuffer pass:[*]_kbuf_, void pass:[*]_subbuf_);
void pass:[*]*kbuffer_read_event*(struct kbuffer pass:[*]_kbuf_, unsigned long long pass:[*]_ts_);
void pass:[*]*kbuffer_next_event*(struct kbuffer pass:[*]_kbuf_, unsigned long long pass:[*]_ts_);
void pass:[*]*kbuffer_read_at_offset*(struct kbuffer pass:[*]_kbuf_, int _offset_, unsigned long
long pass:[*]_ts_);
int *kbuffer_missed_events*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_event_size*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_size*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_offset*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_curr_index*(struct kbuffer pass:[*]_kbuf_);
int *kbuffer_read_buffer*(struct kbuffer pass:[*]_kbuf_, void pass:[*]_buffer_, int _start_, int _len_);
--

DESCRIPTION

The libtraceevent(3) library provides APIs to access kernel tracepoint events,
located in the tracefs file system under the events directory.

ENVIRONMENT

[verse]
--
TRACEEVENT_PLUGIN_DIR
Additional plugin directory. All shared object files, located in this directory will be loaded as traceevent plugins.
--

FILES

[verse]
--

event-parse.h
 Header file to include in order to have access to the library APIs.
trace-seq.h
 Header file to include in order to have access to trace sequences related APIs.
 Trace sequences are used
 to allow a function to call several other functions
 to create a string of data to use.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
trace-cmd(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
--
REPORTING BUGS

Report bugs to <linux-trace-devel@vger.kernel.org>

LICENSE
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RESOURCES
----
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

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libtraceevent(3)
================

NAME
----
tep_data_type, tep_data_pid,tep_data_preempt_count, tep_data_flags -
Extract common fields from a record.

SYNOPSIS

[verse]
--
#include <event-parse.h>

enum *trace_flag_type* {
 _TRACE_FLAG_IRQS_OFF_,
 _TRACE_FLAG_IRQS_NOSUPPORT_,
 _TRACE_FLAG_NEED_RESCHED_,
 _TRACE_FLAG_HARDIRQ_,
 _TRACE_FLAG_SOFTIRQ_,
};

int *tep_data_type*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);
int *tep_data_pid*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);
int *tep_data_preempt_count*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);
int *tep_data_flags*(struct tep_handle pass:[*]_tep_, struct tep_record pass:[*]_rec_);
--

DESCRIPTION

This set of functions can be used to extract common fields from a record.

The *tep_data_type()* function gets the event id from the record _rec_.
It reads the "common_type" field.
 The _tep_ argument is the trace event parser
context.

The *tep_data_pid()* function gets the process id from the record _rec_.
It reads the "common_pid" field. The _tep_ argument is the trace event parser
context.

The *tep_data_preempt_count()* function gets the preemption count from the
record _rec_. It reads the "common_preempt_count" field. The _tep_ argument is
the trace event parser context.

The *tep_data_flags()* function gets the latency flags from the record _rec_.
It reads the "common_flags" field. The _tep_ argument is the trace event parser
context. Supported latency flags are:
[verse]
--
 _TRACE_FLAG_IRQS_OFF_, Interrupts are disabled.
 _TRACE_FLAG_IRQS_NOSUPPORT_, Reading IRQ flag is not supported by the architecture.
 _TRACE_FLAG_NEED_RESCHED_, Task needs rescheduling.
 _TRACE_FLAG_HARDIRQ_, Hard IRQ is running.
 _TRACE_FLAG_SOFTIRQ_, Soft IRQ is running.
--

RETURN VALUE

The *tep_data_type()* function returns an integer, representing the event id.

The
tep_data_pid() function returns an integer, representing the process id

The *tep_data_preempt_count()* function returns an integer, representing the preemption count.

The *tep_data_flags()* function returns an integer, representing the latency flags. Look at the _trace_flag_type_ enum for supported flags.

All these functions in case of an error return a negative integer.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
void process_record(struct tep_record *record)
{
 int data;

 data = tep_data_type(tep, record);
 if (data >= 0) {
  /* Got the ID of the event */
 }

 data = tep_data_pid(tep, record);
 if (data >= 0) {
  /* Got the process ID */
 }

 data = tep_data_preempt_count(tep, record);
 if (data >= 0) {
  /* Got the preemption count */
 }

 data = tep_data_flags(tep, record);
 if (data >= 0) {
  /* Got the latency flags */
 }
}
...
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access
 to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
--
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RESOURCES
----
https://git.kernel.org/pub/scm/libs/libtrace/libtraceevent.git/

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libtraceevent(3)
================

NAME
----
tep_parse_event, tep_parse_format - Parse the event format information

SYNOPSIS

[verse]
--
#include <event-parse.h>

enum tep_errno *tep_parse_event*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_, unsigned long _size_, const char pass:[*]_sys_);
enum tep_errno *tep_parse_format*(struct tep_handle pass:[*]_tep_, struct tep_event pass:[*]pass:[*]_eventp_, const char pass:[*]_buf_, unsigned long _size_, const char pass:[*]_sys_);
--

DESCRIPTION

The *tep_parse_event()* function parses the event format and creates an event structure to quickly parse raw data for a given event. The _tep_ argument is the trace event parser context. The created event structure is stored in the _tep_ context. The _buf_ argument is a buffer with _size_, where the event format data is. The event format data can be taken from tracefs/events/.../.../format files. The
 sys argument is the system of
the event.

The *tep_parse_format()* function does the same as *tep_parse_event()*. The only difference is in the extra _eventp_ argument, where the newly created event structure is returned.

RETURN VALUE

Both *tep_parse_event()* and *tep_parse_format()* functions return 0 on success, or TEP_ERRNO__... in case of an error.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
char *buf;
int size;
struct tep_event *event = NULL;
buf = read_file("/sys/kernel/tracing/events/ftrace/print/format", &size);
if (tep_parse_event(tep, buf, size, "ftrace") != 0) {
 /* Failed to parse the ftrace print format */
}

if (tep_parse_format(tep, &event, buf, size, "ftrace") != 0) {
 /* Failed to parse the ftrace print format */

}
...
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that
 uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
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RESOURCES
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libtraceevent(3)
================

NAME
----
tep_filter_alloc, tep_filter_free, tep_filter_reset, tep_filter_make_string,

tep_filter_copy, tep_filter_compare, tep_filter_match, tep_event_filtered,
tep_filter_remove_event, tep_filter_strerror, tep_filter_add_filter_str -
Event filter related APIs.

SYNOPSIS

[verse]
--
#include <event-parse.h>

struct tep_event_filter pass:[*]*tep_filter_alloc*(struct tep_handle pass:[*]_tep_);
void *tep_filter_free*(struct tep_event_filter pass:[*]_filter_);
void *tep_filter_reset*(struct tep_event_filter pass:[*]_filter_);
enum tep_errno *tep_filter_add_filter_str*(struct tep_event_filter pass:[*]_filter_, const char pass:[*]_filter_str_);
int *tep_event_filtered*(struct tep_event_filter pass:[*]_filter_, int _event_id_);
int *tep_filter_remove_event*(struct tep_event_filter pass:[*]_filter_, int _event_id_);
enum tep_errno *tep_filter_match*(struct tep_event_filter pass:[*]_filter_,
 struct tep_record pass:[*]_record_);
int *tep_filter_copy*(struct tep_event_filter pass:[*]_dest_, struct tep_event_filter pass:[*]_source_);
int *tep_filter_compare*(struct tep_event_filter pass:[*]_filter1_, struct tep_event_filter pass:[*]_filter2_);
char pass:[*]*tep_filter_make_string*(struct tep_event_filter pass:[*]_filter_, int _event_id_);
int *tep_filter_strerror*(struct tep_event_filter pass:[*]_filter_, enum tep_errno _err_, char pass:[*]buf, size_t
buflen);
--

DESCRIPTION

Filters can be attached to traced events. They can be used to filter out various
events when outputting them. Each event can be filtered based on its parameters,
described in the event's format file. This set of functions can be used to
create, delete, modify and attach event filters.

The *tep_filter_alloc()* function creates a new event filter. The _tep_ argument
is the trace event parser context.

The *tep_filter_free()* function frees an event filter and all resources that it
had
 used.

The *tep_filter_reset()* function removes all rules from an event filter and
resets it.

The *tep_filter_add_filter_str()* function adds a new rule to the _filter_. The
_filter_str_ argument is the filter string, that contains the rule.

The *tep_event_filtered()* function checks if the event with _event_id_ has
filter.

The *tep_filter_remove_event()* function removes a _filter_ for an event with
_event_id_.

The *tep_filter_match()* function tests if a _record_ matches given _filter_.

The *tep_filter_copy()* function copies a _source_ filter into a _dest_ filter.

The *tep_filter_compare()* function compares two filers - _filter1_ and _filter2_.

The *tep_filter_make_string()* function constructs a string, displaying
the _filter_ contents for given _event_id_.

The *tep_filter_strerror()* function copies the _filter_ error buffer into the
given _buf_ with the size _buflen_. If the error buffer is empty, in the _buf_
is copied a string, describing the error _err_.

RETURN
VALUE

The *tep_filter_alloc()* function returns a pointer to the newly created event
filter, or NULL in case of an error.

The *tep_filter_add_filter_str()* function returns 0 if the rule was
successfully added or a negative error code. Use *tep_filter_strerror()* to see
actual error message in case of an error.

The *tep_event_filtered()* function returns 1 if the filter is found for given
event, or 0 otherwise.

The *tep_filter_remove_event()* function returns 1 if the vent was removed, or
0 if the event was not found.

The *tep_filter_match()* function returns _tep_errno_, according to the result:
[verse]
--
_pass:[TEP_ERRNO__FILTER_MATCH]_ - filter found for event, the record matches.
_pass:[TEP_ERRNO__FILTER_MISS]_ - filter found for event, the record does not match.
_pass:[TEP_ERRNO__FILTER_NOT_FOUND]_ - no filter found for record's event.
_pass:[TEP_ERRNO__NO_FILTER]_ - no rules in the filter.
--
or any other _tep_errno_, if an error occurred during the test.

The
tep_filter_copy() function returns 0 on success or -1 if not all rules
were copied.

The *tep_filter_compare()* function returns 1 if the two filters hold the same
content, or 0 if they do not.

The *tep_filter_make_string()* function returns a string, which must be freed with free(), or NULL in case of an error.

The *tep_filter_strerror()* function returns 0 if message was filled successfully, or -1 in case of an error.

EXAMPLE

```
-------
[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
char errstr[200];
int ret;

struct tep_event_filter *filter = tep_filter_alloc(tep);
struct tep_event_filter *filter1 = tep_filter_alloc(tep);
ret = tep_filter_add_filter_str(filter, "sched/sched_wakeup:target_cpu==1");
if(ret < 0) {
 tep_filter_strerror(filter, ret, errstr, sizeof(errstr));
 /* Failed to add a new rule to the filter, the error string is in errstr */
}
if (tep_filter_copy(filter1, filter) != 0) {
 /* Failed to copy filter in filter1 */
}
...
if
 (tep_filter_compare(filter, filter1) != 1) {
 /* Both filters are different */
}
...
void process_record(struct tep_handle *tep, struct tep_record *record)
{
 struct tep_event *event;
 char *fstring;

 event = tep_find_event_by_record(tep, record);

 if (tep_event_filtered(filter, event->id) == 1) {
  /* The event has filter */
  fstring = tep_filter_make_string(filter, event->id);
  if (fstring != NULL) {
   /* The filter for the event is in fstring */
   free(fstring);
  }
```

```
 }

 switch (tep_filter_match(filter, record)) {
 case TEP_ERRNO__FILTER_MATCH:
  /* The filter matches the record */
  break;
 case TEP_ERRNO__FILTER_MISS:
  /* The filter does not match the record */
  break;
 case TEP_ERRNO__FILTER_NOT_FOUND:
  /* No filter found for record's event */
  break;
 case TEP_ERRNO__NO_FILTER:
  /* There are no rules in the filter */
  break
 default:
  /* An error occurred during the test */
  break;
 }

 if (tep_filter_remove_event(filter, event->id) == 1) {
  /* The event was removed
 from the filter */
 }
}

...
tep_filter_reset(filter);
...
tep_filter_free(filter);
tep_filter_free(filter1);
...
--

FILES
-----
[verse]
--
*event-parse.h*
 Header file to include in order to have access to the library APIs.
*-ltraceevent*
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
--------
*libtraceevent*(3), *trace-cmd*(1)
```

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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RESOURCES
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libtraceevent(3)
================

NAME
----
tep_read_number - Reads a number from raw data.

SYNOPSIS

[verse]
--
#include <event-parse.h>

unsigned long long *tep_read_number*(struct tep_handle pass:[*]_tep_, const void pass:[*]_ptr_, int _size_);
--

DESCRIPTION

The *tep_read_number()* function reads an integer from raw data, taking into
account the endianness of the raw data and the current host. The _tep_ argument
is the trace event parser context. The _ptr_ is a pointer to the raw data, where
the integer is, and the _size_ is the size of the integer.

RETURN VALUE

The *tep_read_number()* function returns the integer in the byte order of
the current host. In case of an error, 0 is returned.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
void process_record(struct tep_record *record)
{
 int offset = 24;
 int data = tep_read_number(tep,
 record->data + offset, 4);

 /* Read the 4 bytes at the offset 24 of data as an integer */
}
...
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
--
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libtraceevent(3)
==========

NAME
---
tep_register_event_handler, tep_unregister_event_handler - Register /
unregisters a callback function to parse an event information.

SYNOPSIS

[verse]
--
#include <event-parse.h>

enum *tep_reg_handler* {
_TEP_REGISTER_SUCCESS_,
_TEP_REGISTER_SUCCESS_OVERWRITE_,
};

int *tep_register_event_handler*(struct tep_handle pass:[*]_tep_, int _id_, const char pass:[*]_sys_name_, const char pass:[*]_event_name_, tep_event_handler_func _func_, void pass:[*]_context_);
int *tep_unregister_event_handler*(struct tep_handle pass:[*]tep, int id, const char pass:[*]sys_name, const char pass:[*]event_name, tep_event_handler_func func, void pass:[*]_context_);

typedef int (*pass:[*]tep_event_handler_func*)(struct trace_seq pass:[*]s, struct tep_record pass:[*]record, struct tep_event pass:[*]event, void pass:[*]context);
--

DESCRIPTION

The *tep_register_event_handler()*
function registers a handler function,
which is going to be called to parse the information for a given event.
The _tep_ argument is the trace event parser context. The _id_ argument is
the id of the event. The _sys_name_ argument is the name of the system,
the event belongs to. The _event_name_ argument is the name of the event.
If _id_ is >= 0, it is used to find the event, otherwise _sys_name_ and

_event_name_ are used. The _func_ is a pointer to the function, which is going to be called to parse the event information. The _context_ argument is a pointer to the context data, which will be passed to the _func_. If a handler function for the same event is already registered, it will be overridden with the new one. This mechanism allows a developer to override the parsing of a given event. If for some reason the default print format is not sufficient, the developer can register a function for an event to be used to parse the data instead.

The *tep_unregister_event_handler()* function
unregisters the handler function,
previously registered with *tep_register_event_handler()*. The _tep_ argument is the trace event parser context. The _id_, _sys_name_, _event_name_, _func_, and _context_ are the same arguments, as when the callback function _func_ was registered.

The _tep_event_handler_func_ is the type of the custom event handler function. The _s_ argument is the trace sequence, it can be used to create a custom string, describing the event. A _record_ to get the event from is passed as input parameter and also the _event_ - the handle to the record's event. The _context_ is custom context, set when the custom event handler is registered.

RETURN VALUE

The *tep_register_event_handler()* function returns _TEP_REGISTER_SUCCESS_ if the new handler is registered successfully or _TEP_REGISTER_SUCCESS_OVERWRITE_ if an existing handler is overwritten. If there is not enough memory to complete the registration, TEP_ERRNO__MEM_ALLOC_FAILED is returned.

The
tep_unregister_event_handler() function returns 0 if _func_ was removed successful or, -1 if the event was not found.

The _tep_event_handler_func_ should return -1 in case of an error, or 0 otherwise.

EXAMPLE

[source,c]
--
#include <event-parse.h>
#include <trace-seq.h>
...
struct tep_handle *tep = tep_alloc();
...
int timer_expire_handler(struct trace_seq *s, struct tep_record *record,
    struct tep_event *event, void *context)
{

```
 trace_seq_printf(s, "hrtimer=");

 if (tep_print_num_field(s, "0x%llx", event, "timer", record, 0) == -1)
  tep_print_num_field(s, "0x%llx", event, "hrtimer", record, 1);

 trace_seq_printf(s, " now=");

 tep_print_num_field(s, "%llu", event, "now", record, 1);

 tep_print_func_field(s, " function=%s", event, "function", record, 0);

 return 0;
}
...
 int ret;

 ret = tep_register_event_handler(tep, -1, "timer", "hrtimer_expire_entry",
      timer_expire_handler, NULL);
 if (ret < 0) {
  char buf[32];

  tep_strerror(tep, ret, buf, 32)
  printf("Failed
 to register handler for hrtimer_expire_entry: %s\n", buf);
 } else {
  switch (ret) {
  case TEP_REGISTER_SUCCESS:
   printf ("Registered handler for hrtimer_expire_entry\n");
   break;
  case TEP_REGISTER_SUCCESS_OVERWRITE:
   printf ("Overwrote handler for hrtimer_expire_entry\n");
   break;
  }
 }
...
 ret = tep_unregister_event_handler(tep, -1, "timer", "hrtimer_expire_entry",
        timer_expire_handler, NULL);
 if ( ret )
  printf ("Failed to unregister handler for hrtimer_expire_entry\n");
```

--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.

trace-seq.h
 Header file to include in order to have access to trace sequences
 related APIs. Trace sequences are used to allow a function to call
 several other functions to create a string of data to use.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
*Steven
 Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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libtraceevent(3)
================

NAME
----
tep_strerror - Returns a string describing regular errno and tep error number.

SYNOPSIS

[verse]
--
#include <event-parse.h>

int *tep_strerror*(struct tep_handle pass:[*]_tep_, enum tep_errno _errnum_, char pass:[*]_buf_, size_t _buflen_);

--
DESCRIPTION

The *tep_strerror()* function converts tep error number into a human
readable string.
The _tep_ argument is trace event parser context. The _errnum_ is a regular
errno, defined in errno.h, or a tep error number. The string, describing this
error number is copied in the _buf_ argument. The _buflen_ argument is
the size of the _buf_.

It as a thread safe wrapper around strerror_r(). The library function has two
different behaviors - POSIX and GNU specific. The *tep_strerror()* API always
behaves as the POSIX version - the error string is copied in the user supplied
buffer.

RETURN VALUE

The
 tep_strerror() function returns 0, if a valid _errnum_ is passed and the
string is copied into _buf_. If _errnum_ is not a valid error number,
-1 is returned and _buf_ is not modified.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
char buf[32];
char *pool = calloc(1, 128);
if (tep == NULL) {
 tep_strerror(tep, TEP_ERRNO__MEM_ALLOC_FAILED, buf, 32);
 printf ("The pool is not initialized, %s", buf);
}
...
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.

-ltraceevent
Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
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libtraceevent(3)
==========

NAME
----
tep_get_long_size, tep_set_long_size - Get / set the size of a long integer on
the machine, where the trace is generated, in bytes

SYNOPSIS

[verse]
--
#include <event-parse.h>

int *tep_get_long_size*(strucqt tep_handle pass:[*]_tep_);
void *tep_set_long_size*(struct tep_handle pass:[*]_tep_, int _long_size_);
--

DESCRIPTION

The *tep_get_long_size()* function returns the size of a long integer on the machine,
where the trace is generated. The _tep_ argument is trace event parser context.

The *tep_set_long_size()* function sets the size of a long integer on the machine,
where the trace is generated. The _tep_ argument is trace event parser context.
The _long_size_ is the size of a long integer, in bytes.

RETURN VALUE

The *tep_get_long_size()* function returns the size of a long integer on the machine,
where the trace is generated, in
bytes.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
tep_set_long_size(tep, 4);

...
int long_size = tep_get_long_size(tep);
...
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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libtraceevent(3)
================

NAME
----
tep_event_common_fields, tep_event_fields - Get a list of fields for an event.

SYNOPSIS

[verse]
--
#include <event-parse.h>

struct tep_format_field pass:[*]pass:[*]*tep_event_common_fields*(struct tep_event pass:[*]_event_);
struct tep_format_field pass:[*]pass:[*]*tep_event_fields*(struct tep_event pass:[*]_event_);
--

DESCRIPTION

The *tep_event_common_fields()* function returns an array of pointers to common
fields for the _event_. The array is allocated in the function and must be freed
by free(). The last element of the array is NULL.

The *tep_event_fields()* function returns an array of pointers to event specific
fields for the _event_. The array is allocated in the function and must be freed
by free(). The last element of the array is NULL.

RETURN VALUE

Both *tep_event_common_fields()* and *tep_event_fields()* functions return
an
 array of pointers to tep_format_field structures in case of success, or
NULL in case of an error.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
int i;
struct tep_format_field **fields;
struct tep_event *event = tep_find_event_by_name(tep, "kvm", "kvm_exit");
if (event != NULL) {
 fields = tep_event_common_fields(event);
 if (fields != NULL) {
  i = 0;
  while (fields[i]) {
   /*
     walk through the list of the common fields
     of the kvm_exit event
   */

```
  i++;
 }
 free(fields);
}
fields = tep_event_fields(event);
if (fields != NULL) {
 i = 0;
 while (fields[i]) {
  /*
    walk through the list of the event specific
    fields of the kvm_exit event
  */
  i++;
 }
 free(fields);
}
}
...
--

FILES
-----
[verse]
--
*event-parse.h*
 Header file to include in order to have access to the library APIs.
*-ltraceevent*
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
--------
*libtraceevent*(3),
 *trace-cmd*(1)

AUTHOR
------
[verse]
--
*Steven Rostedt* <rostedt@goodmis.org>, author of *libtraceevent*.
*Tzvetomir Stoyanov* <tz.stoyanov@gmail.com>, author of this man page.
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libtraceevent(3)
==========

NAME
---
tep_get_event, tep_get_first_event, tep_get_events_count - Access events.

SYNOPSIS

[verse]
--
#include <event-parse.h>

struct tep_event pass:[*]*tep_get_event*(struct tep_handle pass:[*]_tep_, int _index_);
struct tep_event pass:[*]*tep_get_first_event*(struct tep_handle pass:[*]_tep_);
int *tep_get_events_count*(struct tep_handle pass:[*]_tep_);
--

DESCRIPTION

The *tep_get_event()* function returns a pointer to event at the given _index_.
The _tep_ argument is trace event parser context, the _index_ is the index of
the requested event.

The *tep_get_first_event()* function returns a pointer to the first event.
As events are stored in an array, this function returns the pointer to the
beginning of the array. The _tep_ argument is trace event parser context.

The *tep_get_events_count()* function returns the number of the events
in the array. The _tep_
argument is trace event parser context.

RETURN VALUE

The *tep_get_event()* returns a pointer to the event located at _index_.
NULL is returned in case of error, in case there are no events or _index_ is
out of range.

The *tep_get_first_event()* returns a pointer to the first event. NULL is
returned in case of error, or in case there are no events.

The *tep_get_events_count()* returns the number of the events. 0 is
returned in case of error, or in case there are no events.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
int i,count = tep_get_events_count(tep);
struct tep_event *event, *events = tep_get_first_event(tep);

if (events == NULL) {
 /* There are no events */
} else {
 for (i = 0; i < count; i++) {
  event = (events+i);
  /* process events[i] */
 }

 /* Get the last event */
 event = tep_get_event(tep, count-1);
}
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access
 to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]

--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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libtraceevent(3)
==========

NAME
---
tep_parse_saved_cmdlines, tep_parse_printk_formats, tep_parse_kallsyms
- Parsing functions to load mappings

SYNOPSIS

[verse]
--
#include <event-parse.h>

int *tep_parse_saved_cmdlines*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);
int *tep_parse_printk_formats*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);
int *tep_parse_kallsyms*(struct tep_handle pass:[*]_tep_, const char pass:[*]_buf_);
--

DESCRIPTION
---
tep_parse_saved_cmdlines() is a helper function to parse content in the tracefs
file system of the "saved_cmdlines" file (stored in a string buffer passed in by _buf_)
and loads the mapping of the process IDs (pid) to the comm names in the
tep handler. The events store the pid and this is used to be able to show the
process names associated to those process ids. It parses the string _buf_ that
holds the content of saved_cmdlines

and ends with a nul character ('\0').

tep_parse_printk_formats() is a helper function to parse content in the tracefs
file system of the "printk_formats" file (stored in a string buffer passed in by _buf_)
and loads the mapping of addresses of strings that may be referenced by events.
Events only store the address of constant strings in the kernel, and the mapping
of their address to the string is exported to user space in the printk_formats
file. It parses the string _buf_ that holds the content of printk_formats and
ends with a nul character ('\0').

tep_parse_kallsyms() is a helper function to parse the Linux kernel /proc/kallsyms format
(stored in a string buffer passed in by _buf_) and load the functions into the
tep handler such that function IP addresses can be mapped to their name when
parsing events with %pS in the print format field. It parses the string _buf_ that
holds the content of /proc/kallsyms and ends with a nul character ('\0').

RETURN VALUE

The
tep_parse_saved_cmdlines() function returns 0 in case of success, or -1
in case of an error.

The *tep_parse_printk_formats*() function returns 0 in case of success, or -1
in case of an error.

The *tep_parse_kallsyms*() function returns 0 in case of success, or -1
in case of an error.

EXAMPLE

[source,c]
--
...
#include <event-parse.h>
#include <tracefs.h>
#include <stdlib.h>

int load_cmdlines(struct tep_handle *tep)
{
	char *buf = NULL;
	int r;

	buf = tracefs_instance_file_read(NULL, "saved_cmdlines", NULL);
	if (!buf)
		return -1;
	r = tep_parse_saved_cmdlines(tep, buf);
	free(buf);
	return r;

```
}

int load_print_strings(struct tep_handle *tep)
{
	char *buf = NULL;
	int r;

	buf = tracefs_instance_file_read(NULL, "printk_formats", NULL);
	if (!buf)
		return -1;
	r = tep_parse_printk_formats(tep, buf);
	free(buf);
	return r;
}

int load_kallsyms(struct
 tep_handle *tep)
{
	char *line = NULL;
	char *buf = NULL;
	size_t sz = 0;
	FILE *fp;
	int len = 0;
	int r;

	fp = fopen("/proc/kallsyms", "r");
	while ((r = getline(&line, &sz, fp)) >= 0) {
		buf = realloc(buf, len + r + 1);
		memcpy(buf + len, line, r);
		len += r;
	}
	free(line);
	fclose(fp);
	if (!buf)
		return -1;
	buf[len] = 0;

	r = tep_parse_kallsyms(tep, buf);
	free(buf);
	return r;
}
...
--

FILES
-----
[verse]
--
```

event-parse.h
Header file to include in order to have access to the library APIs.
-ltraceevent
Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1), *tep_register_comm*(3), *tep_register_function*(3),
tep_register_print_string(3)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
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Stoyanov* <tz.stoyanov@gmail.com>, coauthor of *libtraceevent*.
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NAME
----
tep_is_file_bigendian, tep_set_file_bigendian - Get / set the endianness of the
raw data being accessed by the tep handler.

SYNOPSIS

[verse]
--
#include <event-parse.h>

enum *tep_endian* {
 TEP_LITTLE_ENDIAN = 0,
 TEP_BIG_ENDIAN
};

bool *tep_is_file_bigendian*(struct tep_handle pass:[*]_tep_);
void *tep_set_file_bigendian*(struct tep_handle pass:[*]_tep_, enum tep_endian _endian_);

--
DESCRIPTION

The *tep_is_file_bigendian()* function gets the endianness of the raw data,
being accessed by the tep handler. The _tep_ argument is trace event parser
context.

The *tep_set_file_bigendian()* function sets the endianness of raw data being
accessed by the tep handler. The _tep_ argument is trace event parser context.
[verse]
--
The _endian_ argument is the endianness:
 _TEP_LITTLE_ENDIAN_ - the raw data is in little endian format,
 _TEP_BIG_ENDIAN_ - the
 raw data is in big endian format.
--
RETURN VALUE

The *tep_is_file_bigendian()* function returns true if the data is in bigendian
format, false otherwise.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...
struct tep_handle *tep = tep_alloc();
...
 tep_set_file_bigendian(tep, TEP_LITTLE_ENDIAN);
...
 if (tep_is_file_bigendian(tep)) {
  /* The raw data is in big endian */
 } else {
  /* The raw data is in little endian */
 }
--

FILES

[verse]
--
event-parse.h
 Header file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
----
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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libtraceevent(3)
================

NAME
----
tep_is_bigendian, tep_is_local_bigendian, tep_set_local_bigendian - Get / set
the endianness of the local machine.

SYNOPSIS

[verse]

--
#include <event-parse.h>

enum *tep_endian* {
 TEP_LITTLE_ENDIAN = 0,
 TEP_BIG_ENDIAN
};

int *tep_is_bigendian*(void);
bool *tep_is_local_bigendian*(struct tep_handle pass:[*]_tep_);
void *tep_set_local_bigendian*(struct tep_handle pass:[*]_tep_, enum tep_endian _endian_);
--

DESCRIPTION

The *tep_is_bigendian()* gets the endianness of the machine, executing
the function.

The *tep_is_local_bigendian()* function gets the endianness of the local
machine, saved in the _tep_ handler. The _tep_ argument is the trace event
parser context. This API is a bit faster than *tep_is_bigendian()*, as it
returns cached endianness of the local machine instead of checking it each time.

The *tep_set_local_bigendian()* function sets
 the endianness of the local
machine in the _tep_ handler. The _tep_ argument is trace event parser context.
The _endian_ argument is the endianness:
[verse]
--
 _TEP_LITTLE_ENDIAN_ - the machine is little endian,
 _TEP_BIG_ENDIAN_ - the machine is big endian.
--

RETURN VALUE

The *tep_is_bigendian()* function returns non zero if the endianness of the
machine, executing the code, is big endian and zero otherwise.

The *tep_is_local_bigendian()* function returns true, if the endianness of the
local machine, saved in the _tep_ handler, is big endian, or false otherwise.

EXAMPLE

[source,c]
--
#include <event-parse.h>
...

```
struct tep_handle *tep = tep_alloc();
...
 if (tep_is_bigendian())
  tep_set_local_bigendian(tep, TEP_BIG_ENDIAN);
 else
  tep_set_local_bigendian(tep, TEP_LITTLE_ENDIAN);
...
 if (tep_is_local_bigendian(tep))
  printf("This machine you are running on is bigendian\n");
 else
  printf("This machine you are running on is little endian\n");
```

--

FILES

[verse]
--
event-parse.h
 Header
 file to include in order to have access to the library APIs.
-ltraceevent
 Linker switch to add when building a program that uses the library.
--

SEE ALSO
---
libtraceevent(3), *trace-cmd*(1)

AUTHOR

[verse]
--
Steven Rostedt <rostedt@goodmis.org>, author of *libtraceevent*.
Tzvetomir Stoyanov <tz.stoyanov@gmail.com>, author of this man page.
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1.181 gcc-sanitizers 11.4.0

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language
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1.183 python3-idna 3.3

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1.185 rasdaemon git

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1.191 dpdk 22.11.0

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1.192 harfbuzz 4.0.1

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1.193 python3-certifi 2021.10.8

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file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
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1.194 python3-cryptography 36.0.2

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<signature of Ty Coon>, 1 April 1989
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1.200 mtools 4.0.38

1.200.1 Available under license :

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Version 3, 29 June 2007

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Ben Jansens <xor@orodu.net>
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1.208 linux-libc-headers 5.16

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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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1.209 python3-click 8.1.2

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[metadata]
name = click
version = attr: click.__version__
url = https://palletsprojects.com/p/click/
project_urls =
 Donate = https://palletsprojects.com/donate
 Documentation = https://click.palletsprojects.com/
 Changes = https://click.palletsprojects.com/changes/
 Source Code = https://github.com/pallets/click/
 Issue Tracker = https://github.com/pallets/click/issues/
 Twitter = https://twitter.com/PalletsTeam
 Chat = https://discord.gg/pallets
license = BSD-3-Clause
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author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
maintainer_email = contact@palletsprojects.com
description = Composable command line interface toolkit
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
 Development Status :: 5 - Production/Stable
 Intended Audience :: Developers
 License :: OSI Approved :: BSD License
 Operating System :: OS
 Independent
 Programming Language :: Python

[options]
packages = find:
package_dir = = src
include_package_data = True
python_requires = >= 3.7

```
[options.packages.find]
where = src

[tool:pytest]
testpaths = tests
filterwarnings =
 error

[coverage:run]
branch = True
source =
 click
 tests

[coverage:paths]
source =
 src
 */site-packages

[flake8]
select = B, E, F, W, B9, ISC
ignore =
 E203
 E501
 E722
 W503
max-line-length = 80
per-file-ignores =
 src/click/__init__.py: F401

[mypy]
files = src/click
python_version = 3.7
show_error_codes = True
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallow_incomplete_defs = True
check_untyped_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True
```

[mypy-colorama.*]
ignore_missing_imports = True

[mypy-importlib_metadata.*]
ignore_missing_imports
 = True

[egg_info]
tag_build =
tag_date = 0

Found in path(s):
* /click-8-1-2-1-tar-gz/click-8.1.2/setup.cfg

1.210 python3-zopeinterface 5.4.0

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1.211 python3-twisted 22.2.0

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1.213 pkix ssh 15.1

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*
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1.216 debianutils 5.7

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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.

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
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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
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2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
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==========
Distutils2 Contributors
==========

The Distutils2 project was started by Tarek Ziad and is currently
maintained by ric Araujo. Many people have contributed to the project.

distlib has started off using some of the code from distutil2.

If you're making a patch, please add your name below in alphabetical order,
and welcome into the Fellowship of the Packaging!

Thanks to:

- Rajiv Abraham
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- Alexandre Vassalotti
- Nadeem Vawda
Metadata-Version: 1.0
Name: setuptools
Version: 0.6c9
Summary: Download, build, install, upgrade, and uninstall Python packages -- easily!
Home-page: http://pypi.org/pypi/setuptools
Author: Phillip J. Eby
Author-email: distutils-sig@python.org
License: PSF or ZPL
Description: ==============================
    Installing and Using Setuptools
    ==============================

    .. contents:: **Table of Contents**

    Installation Instructions

    Windows
    =======

    Install setuptools using the provided ``.exe`` installer. If you've previously

installed older versions of setuptools, please delete all ``setuptools*.egg``
and ``setuptools.pth`` files from your system's ``site-packages`` directory
(and any other ``sys.path`` directories) FIRST.

If you are upgrading a previous version of setuptools that was installed using
an ``.exe`` installer,
please be sure to also *uninstall that older version*
via your system's "Add/Remove Programs" feature, BEFORE installing the newer
version.

Once installation is complete, you will find an ``easy_install.exe`` program in
your Python ``Scripts`` subdirectory. Be sure to add this directory to your
``PATH`` environment variable, if you haven't already done so.

RPM-Based Systems
==========

Install setuptools using the provided source RPM. The included ``.spec`` file
assumes you are installing using the default ``python`` executable, and is not
specific to a particular Python version. The ``easy_install`` executable will
be installed to a system ``bin`` directory such as ``/usr/bin``.

If you wish to install to a location other than the default Python
installation's default ``site-packages`` directory (and ``$prefix/bin`` for
scripts), please use the ``.egg``-based
installation approach described in the
following section.

Cygwin, Mac OS X, Linux, Other
==========

1. Download the appropriate egg for your version of Python (e.g.
``setuptools-0.6c9-py2.4.egg``). Do NOT rename it.

2. Run it as if it were a shell script, e.g. ``sh setuptools-0.6c9-py2.4.egg``.
Setuptools will install itself using the matching version of Python (e.g.
``python2.4``), and will place the ``easy_install`` executable in the
default location for installing Python scripts (as determined by the
standard distutils configuration files, or by the Python installation).

If you want to install setuptools to somewhere other than ``site-packages`` or
your default distutils installation locations for libraries and scripts, you
may include EasyInstall command-line options such as ``--prefix``,
``--install-dir``, and so on, following the ``.egg`` filename
on the same
command line. For example::

sh setuptools-0.6c9-py2.4.egg --prefix=~

You can use ``--help`` to get a full options list, but we recommend consulting
the `EasyInstall manual`_ for detailed instructions, especially `the section
on custom installation locations`_.

.. _EasyInstall manual: http://peak.telecommunity.com/DevCenter/EasyInstall
.. _the section on custom installation locations: http://peak.telecommunity.com/DevCenter/EasyInstall#custom-installation-locations

Cygwin Note

If you are trying to install setuptools for the **Windows** version of Python
(as opposed to the Cygwin version that lives in ``/usr/bin``), you must make
sure that an appropriate executable (``python2.3``, ``python2.4``, or
``python2.5``) is on your **Cygwin** ``PATH`` when invoking the egg. For
example, doing the following at a Cygwin bash prompt will install setuptools
for the **Windows** Python found at ``C:\\Python24``::

ln -s /cygdrive/c/Python24/python.exe python2.4
PATH=.:$PATH sh setuptools-0.6c9-py2.4.egg
rm python2.4

Downloads
=========

All setuptools downloads can be found at `the project's home page in the Python
Package Index`_. Scroll to the very bottom of the page to find the links.

.. _the project's home page in the Python Package Index: http://pypi.org/pypi/setuptools

In addition to the PyPI downloads, the development version of ``setuptools``
is available from the `Python SVN sandbox`_, and in-development versions of the
`0.6 branch`_ are available as well.

.. _0.6 branch: http://svn.python.org/projects/sandbox/branches/setuptools-0.6/#egg=setuptools-dev06

.. _Python SVN sandbox: http://svn.python.org/projects/sandbox/trunk/setuptools/#egg=setuptools-dev

---
Using
Setuptools and EasyInstall

Here are some of the available manuals, tutorials, and other resources for
learning about Setuptools, Python Eggs, and EasyInstall:

* `The EasyInstall user's guide and reference manual`_
* `The setuptools Developer's Guide`_
* `The pkg_resources API reference`_
* `Package Compatibility Notes`_ (user-maintained)
* `The Internal Structure of Python Eggs`_

Questions, comments, and bug reports should be directed to the `distutils-sig
mailing list`_. If you have written (or know of) any tutorials, documentation,
plug-ins, or other resources for setuptools users, please let us know about
them there, so this reference list can be updated. If you have working,
tested patches to correct problems or add features, you may submit them to
the `setuptools bug tracker`_.

.. _setuptools bug tracker: http://bugs.python.org/setuptools/
.. _Package Compatibility Notes: http://peak.telecommunity.com/DevCenter/PackageNotes
.. _The Internal Structure of Python Eggs: http://peak.telecommunity.com/DevCenter/EggFormats
.. _The setuptools Developer's Guide: http://peak.telecommunity.com/DevCenter/setuptools
.. _The pkg_resources API reference: http://peak.telecommunity.com/DevCenter/PkgResources
.. _The EasyInstall user's guide and reference manual: http://peak.telecommunity.com/DevCenter/EasyInstall
.. _distutils-sig mailing list: http://mail.python.org/pipermail/distutils-sig/

Credits
---

* The original design for the ``.egg`` format and the ``pkg_resources`` API was
co-created by Phillip Eby and Bob Ippolito. Bob also implemented the first
version of ``pkg_resources``, and supplied the OS X operating system version
compatibility algorithm.

* Ian Bicking implemented many early "creature
comfort" features of
easy_install, including support for downloading via Sourceforge and
Subversion repositories. Ian's comments on the Web-SIG about WSGI
application deployment also inspired the concept of "entry points" in eggs,
and he has given talks at PyCon and elsewhere to inform and educate the
community about eggs and setuptools.

* Jim Fulton contributed time and effort to build automated tests of various
aspects of ``easy_install``, and supplied the doctests for the command-line
``.exe`` wrappers on Windows.

* Phillip J. Eby is the principal author and maintainer of setuptools, and
first proposed the idea of an importable binary distribution format for

Python application plug-ins.

* Significant parts of the implementation of setuptools were funded by the Open
Source Applications Foundation, to provide a plug-in infrastructure for the
Chandler PIM application.

In addition, many OSAF staffers (such as Mike
"Code Bear" Taylor) contributed their time and stress as guinea pigs for the
use of eggs and setuptools, even before eggs were "cool". (Thanks, guys!)

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1.218 btrfs-tools 5.16.2

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1.219 daemonize 1.7.8

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1.220 python3-pyrad 2.4

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1.221 tzdata 2024a

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1.222 ice 1.12.7

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1.230 kerberos 1.17

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in
"src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c

lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

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

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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<!-- 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="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
  <xsl:if test="translate($rest, '&#9;&#32;', '')">
    <xsl:call-template name="isc.copyright.format">
     <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
</xsl:template>

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

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="db:book/db:info/db:copyright | db:refentry/db:docinfo/db:copyright">
  <xsl:text>Copyright (C) </xsl:text>
  <xsl:call-template name="copyright.years">
    <xsl:with-param name="years" select="db:year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="db: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>
</xsl:stylesheet>

<!--
 - Local variables:
```

- mode: sgml
- End:
-->
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1.235 gawk 5.1.1

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```
#ifndef UTIL_LINUX_PT_BSD_H
#define UTIL_LINUX_PT_BSD_H

#define BSD_MAXPARTITIONS 16
#define BSD_FS_UNUSED  0

#ifndef BSD_DISKMAGIC
# define BSD_DISKMAGIC     ((uint32_t) 0x82564557)
#endif

#define BSD_LINUX_BOOTDIR "/usr/ucb/mdec"

#if defined (__alpha__) || defined (__powerpc__) || \
   defined (__ia64__) || defined (__hppa__)
# define BSD_LABELSECTOR   0
# define BSD_LABELOFFSET   64
#else
# define BSD_LABELSECTOR   1
# define BSD_LABELOFFSET   0
#endif

#define BSD_BBSIZE        8192  /* size of boot area, with label */
#define BSD_SBSIZE        8192  /* max size of fs superblock */

struct bsd_disklabel {
 uint32_t d_magic;  /* the magic number */
 int16_t  d_type;   /* drive type */
 int16_t  d_subtype;  /* controller/d_type specific */
 char  d_typename[16];  /* type name, e.g. "eagle" */
 char  d_packname[16];  /* pack identifier */

   /* disk geometry: */
 uint32_t d_secsize;  /* # of bytes per sector */
 uint32_t d_nsectors;  /* # of data sectors per track */
 uint32_t d_ntracks;  /*
 # of tracks per cylinder */
 uint32_t d_ncylinders;  /* # of data cylinders per unit */
 uint32_t d_secpercyl;  /* # of data sectors per cylinder */
 uint32_t d_secperunit;  /* # of data sectors per unit */

 /*
  * Spares (bad sector replacements) below
  * are not counted in d_nsectors or d_secpercyl.
  * Spare sectors are assumed to be physical sectors
  * which occupy space at the end of each track and/or cylinder.
  */
 uint16_t d_sparespertrack; /* # of spare sectors per track */
 uint16_t d_sparespercyl;  /* # of spare sectors per cylinder */
```

```
/*
 * Alternate cylinders include maintenance, replacement,
 * configuration description areas, etc.
 */
uint32_t d_acylinders;  /* # of alt. cylinders per unit */

  /* hardware characteristics: */
/*
 * d_interleave, d_trackskew and d_cylskew describe perturbations
 * in the media format used to compensate for a slow controller.
 * Interleave is physical sector interleave, set up by the formatter
 * or controller
when formatting.  When interleaving is in use,
 * logically adjacent sectors are not physically contiguous,
 * but instead are separated by some number of sectors.
 * It is specified as the ratio of physical sectors traversed
 * per logical sector.  Thus an interleave of 1:1 implies contiguous
 * layout, while 2:1 implies that logical sector 0 is separated
 * by one sector from logical sector 1.
 * d_trackskew is the offset of sector 0 on track N
 * relative to sector 0 on track N-1 on the same cylinder.
 * Finally, d_cylskew is the offset of sector 0 on cylinder N
 * relative to sector 0 on cylinder N-1.
 */
uint16_t d_rpm;   /* rotational speed */
uint16_t d_interleave;  /* hardware sector interleave */
uint16_t d_trackskew;  /* sector 0 skew, per track */
uint16_t d_cylskew;  /* sector 0 skew, per cylinder */
uint32_t d_headswitch;  /* head switch time, usec */
uint32_t d_trkseek;  /* track-to-track seek, usec */
uint32_t d_flags;  /* generic flags */
uint32_t d_drivedata[5];  /*
drive-type specific information */
uint32_t d_spare[5];  /* reserved for future use */
uint32_t d_magic2;  /* the magic number (again) */
uint16_t d_checksum;  /* xor of data incl. partitions */

  /* filesystem and partition information: */
uint16_t d_npartitions;        /* number of partitions in following */
uint32_t d_bbsize;         /* size of boot area at sn0, bytes */
uint32_t d_sbsize;         /* max size of fs superblock, bytes */

struct bsd_partition  {  /* the partition table */
 uint32_t p_size;         /* number of sectors in partition */
 uint32_t p_offset;       /* starting sector */
 uint32_t p_fsize;        /* filesystem basic fragment size */
 uint8_t  p_fstype; /* filesystem type, see below */
```

```
  uint8_t  p_frag;  /* filesystem fragments per block */
  uint16_t p_cpg;         /* filesystem cylinders per group */
 } __attribute__((packed)) d_partitions[BSD_MAXPARTITIONS]; /* actually may be more */
} __attribute__((packed));


/* d_type values:
 */
#define BSD_DTYPE_SMD  1  /* SMD, XSMD; VAX hp/up */
#define BSD_DTYPE_MSCP  2  /* MSCP */
#define BSD_DTYPE_DEC  3  /* other DEC (rk, rl) */
#define BSD_DTYPE_SCSI  4  /* SCSI */
#define BSD_DTYPE_ESDI  5  /* ESDI interface */
#define BSD_DTYPE_ST506  6  /* ST506 etc. */
#define BSD_DTYPE_HPIB  7  /* CS/80 on HP-IB */
#define BSD_DTYPE_HPFL  8  /* HP Fiber-link */
#define BSD_DTYPE_FLOPPY 10  /* floppy */

/* d_subtype values: */
#define BSD_DSTYPE_INDOSPART 0x8  /* is inside dos partition */
#define BSD_DSTYPE_DOSPART(s) ((s) & 3) /* dos partition number */
#define BSD_DSTYPE_GEOMETRY 0x10  /* drive params in label */

/*
* Filesystem type and version.
* Used to interpret other filesystem-specific
* per-partition information.
*/
#define BSD_FS_UNUSED 0  /* unused */
#define BSD_FS_SWAP     1  /* swap */
#define BSD_FS_V6       2  /* Sixth Edition */
#define BSD_FS_V7       3  /* Seventh Edition */
#define BSD_FS_SYSV     4  /* System V */
#define BSD_FS_V71K     5  /* V7
 with 1K blocks (4.1, 2.9) */
#define BSD_FS_V8       6  /* Eighth Edition, 4K blocks */
#define BSD_FS_BSDFFS 7  /* 4.2BSD fast file system */
#define BSD_FS_BSDLFS 9  /* 4.4BSD log-structured file system */
#define BSD_FS_OTHER 10  /* in use, but unknown/unsupported */
#define BSD_FS_HPFS 11  /* OS/2 high-performance file system */
#define BSD_FS_ISO9660 12  /* ISO-9660 filesystem (cdrom) */
#define BSD_FS_ISOFS BSD_FS_ISO9660
#define BSD_FS_BOOT 13  /* partition contains bootstrap */
#define BSD_FS_ADOS 14  /* AmigaDOS fast file system */
#define BSD_FS_HFS 15  /* Macintosh HFS */
#define BSD_FS_ADVFS 16  /* Digital Unix AdvFS */

/* this is annoying, but it's also the way it is :-( */
```

```
#ifdef __alpha__
#define BSD_FS_EXT2 8  /* ext2 file system */
#else
#define BSD_FS_MSDOS 8  /* MS-DOS file system */
#endif

/*
* flags shared by various drives:
*/
#define BSD_D_REMOVABLE 0x01  /* removable media */
#define BSD_D_ECC       0x02  /* supports ECC */
#define BSD_D_BADSECT 0x04  /* supports
 bad sector forw. */
#define BSD_D_RAMDISK 0x08  /* disk emulator */
#define BSD_D_CHAIN     0x10  /* can do back-back transfers */
#define BSD_D_DOSPART 0x20  /* within MSDOS partition */

#endif /* UTIL_LINUX_PT_BSD_H */
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```

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*/

1.237 busybox 1.35.0

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Julian Seward, Cambridge, UK.
jseward@bzip.org
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1.238 gzip 1.12

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#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/*
 Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME      RESULT
          "foo.c"       "foo.c"
          "foo/bar.c"   "bar.c"
          "/foo/bar.c"  "bar.c"
          "foo/bar/"    "bar/"
          "foo/bar//"   "bar//"
          "/"           ""
          "//"          ""
          ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(), defined in <string.h>, does
      not consider trailing slashes to be part of the component:

 FILENAME      RESULT
          "foo/bar/"    ""
```

```
          "foo/bar//"   ""
   * The 'basename' command eliminates trailing slashes and for a root
     produces a non-empty result:
          FILENAME      RESULT
          "foo/bar/"    "bar"
          "foo/bar//"   "bar"
          "/"           "/"
          "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;



#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
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That's all there is to it!

1.240 tar 1.35

1.240.1 Available under license :

```
/* Extract the last component (base name) of a file name.

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  along with this program.  If not, see <https://www.gnu.org/licenses/>.  */

#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

/* This file uses _GL_ATTRIBUTE_PURE.  */
#if !_GL_CONFIG_H_INCLUDED
#error "Please include config.h first."
#endif

#include <stddef.h>

#ifndef
 DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif



/* Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME     RESULT
          "foo.c"      "foo.c"
          "foo/bar.c"  "bar.c"
```

```
           "/foo/bar.c"  "bar.c"
           "foo/bar/"    "bar/"
           "foo/bar//"   "bar//"
           "/"           ""
           "//"          ""
           ""            ""
 The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(),
 defined in <string.h>, does
      not consider trailing slashes to be part of the component:
           FILENAME      RESULT
           "foo/bar/"    ""
           "foo/bar//"   ""
    * The 'basename' command eliminates trailing slashes and for a root
      produces a non-empty result:
           FILENAME      RESULT
           "foo/bar/"    "bar"
           "foo/bar//"   "bar"
           "/"           "/"
           "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;


#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

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Appendix: How to Apply These Terms to Your New Programs

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<one line to give the program's name and a brief idea of what it does.>
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c'; they could even be mouse-clicks or menu items--whatever suits your
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 Yoyodyne, Inc., hereby disclaims all copyright interest in the
 program `Gnomovision' (a program to direct compilers to make passes
 at assemblers) written by James Hacker.

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

That's all there is to it!
#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

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

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

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

=cut

use strict;
use Config;
BEGIN { require './test.pl' }

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

my ($opt) = @ARGV;

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

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

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

done_testing;



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

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

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

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

 $year;
}



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

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

 $year;
}
```

1.243 findutils 4.9.0

1.243.1 Available under license :

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Version 3, 29 June 2007

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/* Extract the last component (base name) of a file name.

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#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/*
 Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME      RESULT
          "foo.c"       "foo.c"
          "foo/bar.c"   "bar.c"
          "/foo/bar.c"  "bar.c"
          "foo/bar/"    "bar/"
          "foo/bar//"   "bar//"
          "/"           ""
          "//"          ""
          ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(), defined in <string.h>, does
      not consider trailing slashes to be part of the component:
```

```
 FILENAME      RESULT
          "foo/bar/"    ""
          "foo/bar//"   ""
   * The 'basename' command eliminates trailing slashes and for a root
     produces a non-empty result:
          FILENAME      RESULT
          "foo/bar/"    "bar"
          "foo/bar//"   "bar"
          "/"           "/"
          "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;



#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

1.244 opkg-utils 0.5.0

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1.245 libxml2 2.9.14

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1.246 diffutils 3.10

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#define _BASENAME_LGPL_H

/* This file uses _GL_ATTRIBUTE_PURE.  */
#if !_GL_CONFIG_H_INCLUDED
#error "Please include config.h first."
#endif

#include <stddef.h>

#ifndef
 DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/* Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME      RESULT
          "foo.c"       "foo.c"
          "foo/bar.c"   "bar.c"
          "/foo/bar.c"  "bar.c"
          "foo/bar/"    "bar/"
          "foo/bar//"   "bar//"
          "/"           ""
          "//"          ""
          ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(),
```

```
 defined in <string.h>, does
     not consider trailing slashes to be part of the component:
          FILENAME     RESULT
          "foo/bar/"    ""
          "foo/bar//"   ""
   * The 'basename' command eliminates trailing slashes and for a root
     produces a non-empty result:
          FILENAME     RESULT
          "foo/bar/"    "bar"
          "foo/bar//"   "bar"
          "/"          "/"
          "//"         "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;



#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

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Version 3, 29 June 2007

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```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/*
```

Return the address of the last file name component of FILENAME.
If FILENAME has some trailing slash(es), they are considered to be
part of the last component.
If FILENAME has no relative file name components because it is a file
system root, return the empty string.
Examples:

FILENAME	RESULT
"foo.c"	"foo.c"

```
            "foo/bar.c"   "bar.c"
            "/foo/bar.c"  "bar.c"
            "foo/bar/"    "bar/"
            "foo/bar//"   "bar//"
            "/"           ""
            "//"          ""
            ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
   function name because
     * Various platforms have different functions in their libc.
       In particular, the glibc basename(), defined in <string.h>, does
       not consider trailing slashes to be part of the component:

 FILENAME      RESULT
            "foo/bar/"    ""
            "foo/bar//"   ""
     * The 'basename' command eliminates trailing slashes and for a root
       produces a non-empty result:
            FILENAME      RESULT
            "foo/bar/"    "bar"
            "foo/bar//"   "bar"
            "/"           "/"
            "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
   Typically FILENAME is the value returned by base_name or last_component.
   Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;


#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

1.248 xz 5.2.6

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1.249 python-six 1.16.0

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1.250 libtirpc 1.3.2

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1.251 libffi 3.4.4

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1.252 pcre 8.45

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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.

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Written by: Philip Hazel
Email local part: Philip.Hazel
Email domain: gmail.com

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1.255 util-linux 2.38

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```
#ifndef UTIL_LINUX_PT_BSD_H
#define UTIL_LINUX_PT_BSD_H

#define BSD_MAXPARTITIONS 16
#define BSD_FS_UNUSED  0

#ifndef BSD_DISKMAGIC
# define BSD_DISKMAGIC     ((uint32_t) 0x82564557)
#endif

#define BSD_LINUX_BOOTDIR "/usr/ucb/mdec"

#if defined (__alpha__) || defined (__powerpc__) || \
  defined (__ia64__) || defined (__hppa__)
```

```
# define BSD_LABELSECTOR   0
# define BSD_LABELOFFSET   64
#else
# define BSD_LABELSECTOR   1
# define BSD_LABELOFFSET   0
#endif

#define BSD_BBSIZE        8192  /* size of boot area, with label */
#define BSD_SBSIZE        8192  /* max size of fs superblock */

struct bsd_disklabel {
 uint32_t d_magic;  /* the magic number */
 int16_t  d_type;   /* drive type */
 int16_t  d_subtype;  /* controller/d_type specific */
 char  d_typename[16];  /* type name, e.g. "eagle" */
 char  d_packname[16];  /* pack identifier */

  /* disk geometry: */
 uint32_t d_secsize;  /* # of bytes per sector */
 uint32_t d_nsectors;  /* # of data sectors per track */
 uint32_t d_ntracks;  /*
 # of tracks per cylinder */
 uint32_t d_ncylinders;  /* # of data cylinders per unit */
 uint32_t d_secpercyl;  /* # of data sectors per cylinder */
 uint32_t d_secperunit;  /* # of data sectors per unit */

 /*
  * Spares (bad sector replacements) below
  * are not counted in d_nsectors or d_secpercyl.
  * Spare sectors are assumed to be physical sectors
  * which occupy space at the end of each track and/or cylinder.
  */
 uint16_t d_sparespertrack; /* # of spare sectors per track */
 uint16_t d_sparespercyl;  /* # of spare sectors per cylinder */

 /*
  * Alternate cylinders include maintenance, replacement,
  * configuration description areas, etc.
  */
 uint32_t d_acylinders;  /* # of alt. cylinders per unit */

  /* hardware characteristics: */
 /*
  * d_interleave, d_trackskew and d_cylskew describe perturbations
  * in the media format used to compensate for a slow controller.
  * Interleave is physical sector interleave, set up by the formatter
  * or controller
```

```
 when formatting.  When interleaving is in use,
  * logically adjacent sectors are not physically contiguous,
  * but instead are separated by some number of sectors.
  * It is specified as the ratio of physical sectors traversed
  * per logical sector.  Thus an interleave of 1:1 implies contiguous
  * layout, while 2:1 implies that logical sector 0 is separated
  * by one sector from logical sector 1.
  * d_trackskew is the offset of sector 0 on track N
  * relative to sector 0 on track N-1 on the same cylinder.
  * Finally, d_cylskew is the offset of sector 0 on cylinder N
  * relative to sector 0 on cylinder N-1.
  */
 uint16_t d_rpm;   /* rotational speed */
 uint16_t d_interleave;  /* hardware sector interleave */
 uint16_t d_trackskew;  /* sector 0 skew, per track */
 uint16_t d_cylskew;  /* sector 0 skew, per cylinder */
 uint32_t d_headswitch;  /* head switch time, usec */
 uint32_t d_trkseek;  /* track-to-track seek, usec */
 uint32_t d_flags;  /* generic flags */
 uint32_t d_drivedata[5];  /*
 drive-type specific information */
 uint32_t d_spare[5];  /* reserved for future use */
 uint32_t d_magic2;  /* the magic number (again) */
 uint16_t d_checksum;  /* xor of data incl. partitions */

   /* filesystem and partition information: */
 uint16_t d_npartitions;        /* number of partitions in following */
 uint32_t d_bbsize;         /* size of boot area at sn0, bytes */
 uint32_t d_sbsize;         /* max size of fs superblock, bytes */

 struct bsd_partition  {  /* the partition table */
  uint32_t p_size;         /* number of sectors in partition */
  uint32_t p_offset;       /* starting sector */
  uint32_t p_fsize;        /* filesystem basic fragment size */
  uint8_t  p_fstype; /* filesystem type, see below */
  uint8_t  p_frag;  /* filesystem fragments per block */
  uint16_t p_cpg;         /* filesystem cylinders per group */
 } __attribute__((packed)) d_partitions[BSD_MAXPARTITIONS]; /* actually may be more */
} __attribute__((packed));


/* d_type values:
 */
#define BSD_DTYPE_SMD  1  /* SMD, XSMD; VAX hp/up */
#define BSD_DTYPE_MSCP  2  /* MSCP */
#define BSD_DTYPE_DEC  3  /* other DEC (rk, rl) */
#define BSD_DTYPE_SCSI  4  /* SCSI */
#define BSD_DTYPE_ESDI  5  /* ESDI interface */
```

```
#define BSD_DTYPE_ST506  6  /* ST506 etc. */
#define BSD_DTYPE_HPIB  7  /* CS/80 on HP-IB */
#define BSD_DTYPE_HPFL  8  /* HP Fiber-link */
#define BSD_DTYPE_FLOPPY 10  /* floppy */

/* d_subtype values: */
#define BSD_DSTYPE_INDOSPART 0x8  /* is inside dos partition */
#define BSD_DSTYPE_DOSPART(s) ((s) & 3) /* dos partition number */
#define BSD_DSTYPE_GEOMETRY 0x10  /* drive params in label */

/*
* Filesystem type and version.
* Used to interpret other filesystem-specific
* per-partition information.
*/
#define BSD_FS_UNUSED 0  /* unused */
#define BSD_FS_SWAP     1  /* swap */
#define BSD_FS_V6       2  /* Sixth Edition */
#define BSD_FS_V7       3  /* Seventh Edition */
#define BSD_FS_SYSV     4  /* System V */
#define BSD_FS_V71K     5  /* V7
 with 1K blocks (4.1, 2.9) */
#define BSD_FS_V8       6  /* Eighth Edition, 4K blocks */
#define BSD_FS_BSDFFS 7  /* 4.2BSD fast file system */
#define BSD_FS_BSDLFS 9  /* 4.4BSD log-structured file system */
#define BSD_FS_OTHER 10  /* in use, but unknown/unsupported */
#define BSD_FS_HPFS 11  /* OS/2 high-performance file system */
#define BSD_FS_ISO9660 12  /* ISO-9660 filesystem (cdrom) */
#define BSD_FS_ISOFS BSD_FS_ISO9660
#define BSD_FS_BOOT 13  /* partition contains bootstrap */
#define BSD_FS_ADOS 14  /* AmigaDOS fast file system */
#define BSD_FS_HFS 15  /* Macintosh HFS */
#define BSD_FS_ADVFS 16  /* Digital Unix AdvFS */

/* this is annoying, but it's also the way it is :-( */
#ifdef __alpha__
#define BSD_FS_EXT2 8  /* ext2 file system */
#else
#define BSD_FS_MSDOS 8  /* MS-DOS file system */
#endif

/*
* flags shared by various drives:
*/
#define BSD_D_REMOVABLE 0x01  /* removable media */
#define BSD_D_ECC       0x02  /* supports ECC */
#define BSD_D_BADSECT 0x04  /* supports
```

```
 bad sector forw. */
#define BSD_D_RAMDISK 0x08  /* disk emulator */
#define BSD_D_CHAIN     0x10  /* can do back-back transfers */
#define BSD_D_DOSPART 0x20  /* within MSDOS partition */

#endif /* UTIL_LINUX_PT_BSD_H */
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*/
```

1.256 e2fsprogs 1.46.5

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

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#
This is a Makefile stub which handles the creation of BSD shared
libraries.
#
In order to use this stub, the following makefile variables must be defined.
#
BSDLIB_VERSION = 1.0
BSDLIB_IMAGE = libce

```
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

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

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

image:  $(BSD_LIB)

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

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

install-strip: install

install-shlibs-strip:: install-shlibs

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

clean::
 $(RM)
 -rf pic
 $(RM) -f $(BSD_LIB)
 $(RM) -f ../$(BSD_LIB)
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*/
Index: tdbsa/tdb.c
===
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
 /*
-   Unix SMB/CIFS implementation.
+   trivial database library - standalone version

-   trivial database library - private includes
-
-   Copyright (C) Andrew Tridgell   2005
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    ** library. This does NOT imply that all of Samba is released
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Gadi Oxman, August 1995

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Theodore Ts'o
23-June-2007

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That's all there is to it!
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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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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This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
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1.257 libnsl 2.0.0

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1.258 libidn 2.3.2

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#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/*
 Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME      RESULT
          "foo.c"       "foo.c"
          "foo/bar.c"   "bar.c"
          "/foo/bar.c"  "bar.c"
          "foo/bar/"    "bar/"
          "foo/bar//"   "bar//"
          "/"           ""
          "//"          ""
          ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
```

```
   * Various platforms have different functions in their libc.
     In particular, the glibc basename(), defined in <string.h>, does
     not consider trailing slashes to be part of the component:

 FILENAME      RESULT
           "foo/bar/"    ""
           "foo/bar//"   ""
   * The 'basename' command eliminates trailing slashes and for a root
     produces a non-empty result:
           FILENAME      RESULT
           "foo/bar/"    "bar"
           "foo/bar//"   "bar"
           "/"           "/"
           "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;


#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

1.259 libgcc 11.4.0

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```
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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language
==========

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02110-1301, USA. */

```
#ifndef __VTV_H__
#define __VTV_H__

/* We could have used an enumeration here but it just makes it more
  difficult for the compiler to generate a call to this. These are
  used as arguments to the function __VLTChangePermission, declared
  below. */
#define __VLTP_READ_ONLY  0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size. */
#define VTV_PAGE_SIZE 4096
#else
#if defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif
```

```
#endif /* __VTV_H__ */
/* Definitions for BSD assembler syntax for Intel 386
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  adapted to BSD conventions for symbol names and debugging.)
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/* Use the Sequent Symmetry assembler syntax.  */

/* Define the syntax of pseudo-ops, labels and comments.  */

/* Prefix for internally generated assembler
 labels.  If we aren't using
  underscores, we are using prefix `.'s to identify labels that should
  be ignored, as in `i386/gas.h' --karl@cs.umb.edu  */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size.  */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t"  /* Should not be used for 32bit compilation.  */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
  #define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */



/* Define the syntax of labels and symbol definitions/declarations.  */

/* This is how to output an assembler line
```

```
  that says to advance the location counter by SIZE bytes.  */

#define ASM_OUTPUT_SKIP(FILE,SIZE)  \
 fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations.  */

/* This says how to output an assembler line
  to define a global common symbol.  */

#define
 ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  \
( fputs (".comm ", (FILE)),   \
 assemble_name ((FILE), (NAME)),  \
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
  to define a local common symbol.  */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  \
( fputs (".lcomm ", (FILE)),   \
 assemble_name ((FILE), (NAME)),  \
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  \
( fputs (".lcomm ", (FILE)),   \
 assemble_name ((FILE), (NAME)),  \
 fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
  that says to advance the location counter
  to a multiple of 2**LOG bytes.  */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \
 if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
  the symbol_ref name of an internal numbered label
 where
  PREFIX is the class of label and NUM is the number within the class.
  This is suitable for output with `assemble_name'.  */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \
   sprintf ((BUF), "*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols.  */
```

#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

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Version 3, 29 June 2007

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1.260 acl 2.3.1

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b) Use a suitable shared library
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1.261 libunistring 1.0

1.261.1 Available under license :

/* Extract the last component (base name) of a file name.

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along with this program. If not, see <https://www.gnu.org/licenses/>. */

```
#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif
```

```
/*
 Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME      RESULT
          "foo.c"       "foo.c"
          "foo/bar.c"   "bar.c"
          "/foo/bar.c"  "bar.c"
          "foo/bar/"    "bar/"
          "foo/bar//"   "bar//"
          "/"           ""
          "//"          ""
          ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(), defined in <string.h>, does
      not consider trailing slashes to be part of the component:

 FILENAME      RESULT
          "foo/bar/"    ""
          "foo/bar//"   ""
    * The 'basename' command eliminates trailing slashes and for a root
      produces a non-empty result:
          FILENAME      RESULT
          "foo/bar/"    "bar"
          "foo/bar//"   "bar"
          "/"           "/"
          "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;



#ifdef __cplusplus
} /* extern "C" */
#endif
```

#endif /* _BASENAME_LGPL_H */

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Version 3, 29 June 2007

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1.262 libcap 2.66

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1.263 libjitterentropy 3.4.1

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1.265 cpio 2.14

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along with this program. If not, see <https://www.gnu.org/licenses/>. */

#ifndef _BASENAME_LGPL_H

```
#define _BASENAME_LGPL_H

/* This file uses _GL_ATTRIBUTE_PURE.  */
#if !_GL_CONFIG_H_INCLUDED
#error "Please include config.h first."
#endif

#include <stddef.h>

#ifndef
 DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/* Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME      RESULT
          "foo.c"       "foo.c"
          "foo/bar.c"   "bar.c"
          "/foo/bar.c"  "bar.c"
          "foo/bar/"    "bar/"
          "foo/bar//"   "bar//"
          "/"           ""
          "//"          ""
          ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(),
 defined in <string.h>, does
      not consider trailing slashes to be part of the component:
          FILENAME      RESULT
          "foo/bar/"    ""
          "foo/bar//"   ""
    * The 'basename' command eliminates trailing slashes and for a root
      produces a non-empty result:
          FILENAME      RESULT
```

```
            "foo/bar/"    "bar"
            "foo/bar//"   "bar"
            "/"           "/"
            "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;


#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

1.266 glib 2.72.3

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1.267 bash 5.1.16

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1.268 ncurses 6.3+20220423

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Files: install-sh
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This script is compatible with the BSD install script, but was written
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-- vile: txtmode file-encoding=utf-8

1.269 glibc 2.35

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@page
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#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

```
#ifdef __cplusplus
extern "C" {
#endif


/*
 Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME     RESULT
          "foo.c"      "foo.c"
          "foo/bar.c"  "bar.c"
          "/foo/bar.c" "bar.c"
          "foo/bar/"   "bar/"
          "foo/bar//"  "bar//"
          "/"          ""
          "//"         ""
          ""           ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(), defined in <string.h>, does
      not consider trailing slashes to be part of the component:

 FILENAME     RESULT
          "foo/bar/"   ""
          "foo/bar//"  ""
    * The 'basename' command eliminates trailing slashes and for a root
      produces a non-empty result:
          FILENAME     RESULT
          "foo/bar/"   "bar"
          "foo/bar//"  "bar"
          "/"          "/"
          "//"         "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

1.272 zstd 1.5.2

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language
==========

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  Foundation, Inc., 51 Franklin Street - Fifth Floor, Boston, MA
  02110-1301, USA.  */


#ifndef __VTV_H__
#define __VTV_H__

/* We could have used an enumeration here but it just makes it more
   difficult for the compiler to generate a call to this.  These are
   used as arguments to the function __VLTChangePermission, declared
   below.  */
#define __VLTP_READ_ONLY  0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size.  */
#define VTV_PAGE_SIZE 4096
#else
#if defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif



#endif /* __VTV_H__ */
/* Definitions for BSD assembler syntax for Intel 386
   (actually AT&T syntax for insns and operands,
   adapted to BSD conventions for symbol names and debugging.)
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```

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<http://www.gnu.org/licenses/>. */

/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler
 labels. If we aren't using
  underscores, we are using prefix `.'s to identify labels that should
  be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
  #define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
  that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \
 fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

```
/* This says how to output an assembler line
  to define a global common symbol.  */

#define
 ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  \
( fputs (".comm ", (FILE)),   \
 assemble_name ((FILE), (NAME)),  \
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
  to define a local common symbol.  */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  \
( fputs (".lcomm ", (FILE)),   \
 assemble_name ((FILE), (NAME)),  \
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  \
( fputs (".lcomm ", (FILE)),   \
 assemble_name ((FILE), (NAME)),  \
 fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
  that says to advance the location counter
  to a multiple of 2**LOG bytes.  */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \
 if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
  the symbol_ref name of an internal numbered label
 where
  PREFIX is the class of label and NUM is the number within the class.
  This is suitable for output with `assemble_name'.  */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \
   sprintf ((BUF), "*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols.  */

#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols.  */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations.  */
```

#define DBX_CONTIN_LENGTH 0

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Version 3, 29 June 2007

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==========

Python was created in the early 1990s by Guido van Rossum at Stichting
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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, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization
created specifically to own Python-related Intellectual Property.

Zope Corporation was a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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Thanks to the many outside volunteers who have worked under Guido's
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1.283 dtc 1.6.1

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1.285 qemu 6.2.0

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```
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*  x86_64 system call definitions
*
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*/
#ifndef TARGET_SYSCALL_H
#define TARGET_SYSCALL_H

#define __USER_CS (0x33)
#define __USER_DS (0x2B)

struct target_pt_regs {
 abi_ulong r15;
 abi_ulong r14;
 abi_ulong r13;
 abi_ulong r12;
 abi_ulong rbp;
 abi_ulong rbx;
/* arguments: non interrupts/non tracing syscalls only save up to here */
 abi_ulong
 r11;
 abi_ulong r10;
 abi_ulong r9;
 abi_ulong r8;
 abi_ulong rax;
 abi_ulong rcx;
 abi_ulong rdx;
 abi_ulong rsi;
 abi_ulong rdi;
 abi_ulong orig_rax;
/* end of arguments */
/* cpu exception frame or undefined */
 abi_ulong rip;
 abi_ulong cs;
 abi_ulong eflags;
```

```
 abi_ulong rsp;
 abi_ulong ss;
/* top of stack page */
};

/* Maximum number of LDT entries supported. */
#define TARGET_LDT_ENTRIES 8192
/* The size of each LDT entry. */
#define TARGET_LDT_ENTRY_SIZE 8

#define TARGET_GDT_ENTRIES 16
#define TARGET_GDT_ENTRY_TLS_ENTRIES 3
#define TARGET_GDT_ENTRY_TLS_MIN 12
#define TARGET_GDT_ENTRY_TLS_MAX 14

#if 0 // Redefine this
struct target_modify_ldt_ldt_s {
 unsigned int  entry_number;
      abi_ulong     base_addr;
 unsigned int  limit;
 unsigned int  seg_32bit:1;
 unsigned int  contents:2;
 unsigned int  read_exec_only:1;
 unsigned int  limit_in_pages:1;
 unsigned int  seg_not_present:1;
 unsigned int  useable:1;
 unsigned int  lm:1;
};
#else
struct target_modify_ldt_ldt_s
 {
 unsigned int  entry_number;
      abi_ulong     base_addr;
 unsigned int  limit;
      unsigned int flags;
};
#endif

struct target_ipc64_perm
{
 int  key;
 uint32_t uid;
 uint32_t gid;
 uint32_t cuid;
 uint32_t cgid;
 unsigned short  mode;
 unsigned short  __pad1;
 unsigned short  seq;
```

```
 unsigned short  __pad2;
 abi_ulong  __unused1;
 abi_ulong  __unused2;
};

struct target_msqid64_ds {
 struct target_ipc64_perm msg_perm;
 unsigned int msg_stime; /* last msgsnd time */
 unsigned int msg_rtime; /* last msgrcv time */
 unsigned int msg_ctime; /* last change time */
 abi_ulong  msg_cbytes; /* current number of bytes on queue */
 abi_ulong  msg_qnum; /* number of messages in queue */
 abi_ulong  msg_qbytes; /* max number of bytes on queue */
 unsigned int msg_lspid; /* pid of last msgsnd */
 unsigned int msg_lrpid; /* last receive pid */
 abi_ulong  __unused4;
 abi_ulong  __unused5;
};

/* FreeBSD sysarch(2) */
#define TARGET_FREEBSD_I386_GET_LDT 0
#define TARGET_FREEBSD_I386_SET_LDT 1
    /*
 I386_IOPL */
#define TARGET_FREEBSD_I386_GET_IOPERM 3
#define TARGET_FREEBSD_I386_SET_IOPERM 4
    /* xxxxx */
#define TARGET_FREEBSD_I386_GET_FSBASE 7
#define TARGET_FREEBSD_I386_SET_FSBASE 8
#define TARGET_FREEBSD_I386_GET_GSBASE 9
#define TARGET_FREEBSD_I386_SET_GSBASE 10

#define TARGET_FREEBSD_AMD64_GET_FSBASE 128
#define TARGET_FREEBSD_AMD64_SET_FSBASE 129
#define TARGET_FREEBSD_AMD64_GET_GSBASE 130
#define TARGET_FREEBSD_AMD64_SET_GSBASE 131


#define UNAME_MACHINE          "x86_64"
#define TARGET_HW_MACHINE      "amd64"
#define TARGET_HW_MACHINE_ARCH  "amd64"

#define TARGET_ARCH_SET_GS 0x1001
#define TARGET_ARCH_SET_FS 0x1002
#define TARGET_ARCH_GET_FS 0x1003
#define TARGET_ARCH_GET_GS 0x1004

#endif /* TARGET_SYSCALL_H */
```

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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

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

```
/*
*  FreeBSD strace list
*
*
*  This program is free software; you can redistribute it and/or modify
*  it under the terms of the GNU General Public License as published by
*  the Free Software Foundation; either version 2 of the License, or
*  (at your option) any later version.
*
*  This program is distributed in the hope that it will be useful,
*  but WITHOUT ANY WARRANTY; without even the implied warranty of
*  MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the
*  GNU General Public License for more details.
```

```
*
*  You should have received a copy of the GNU General Public License
*  along with this program; if not, see <http://www.gnu.org/licenses/>.
*/

{ 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, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR___acl_set_file, "__acl_set_file", "%s(\"%s\", %d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR___acl_set_link, "__acl_set_link", "%s(\"%s\", %d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR___getcwd, "__getcwd", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR___semctl, "__semctl", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR___syscall, "__syscall", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR___sysctl,
 "__sysctl", NULL, print_sysctl, 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_accept4, "accept4", "%s(%d,%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_bindat, "bindat", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_break, "break", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_cap_enter, "cap_enter", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_cap_fcntls_get, "cap_fcntls_get", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_cap_fcntls_limit, "cap_fcntls_limit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_cap_getmode, "cap_getmode", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_cap_ioctls_get, "cap_ioctls_get", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_cap_ioctls_limit,
 "cap_ioctls_limit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_cap_rights_limit, "cap_rights_limit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_chdir, "chdir", "%s(\"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_chflags, "chflags", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_chflagsat, "chflagsat", 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_connectat, "connectat", "%s(%d,%d,%#x,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_cpuset_getdomain, "cpuset_getdomain", NULL, NULL,
 NULL },
{ TARGET_FREEBSD_NR_cpuset_setdomain, "cpuset_setdomain", NULL, 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, print_execve, NULL },
{ TARGET_FREEBSD_NR_exit, "exit", "%s(%d)\n", NULL, NULL },
{ TARGET_FREEBSD_NR_extattrctl, "extattrctl", "%s(\"%s\", %d, \"%s\", %d, \"%s\"", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_delete_fd, "extattr_delete_fd", "%s(%d, %d, \"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_delete_file, "extattr_delete_file", "%s(\"%s\", %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, \"%s\", %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_get_file, "extattr_get_file", "%s(\"%s\", %d, \"%s\", %#x, %d)", NULL, NULL
},
{
 TARGET_FREEBSD_NR_extattr_get_file, "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\", %#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)", NULL, NULL },
{ TARGET_FREEBSD_NR_extattr_set_file, "extattr_set_file", "%s(\"%s\", %d, \"%s\", %#x, %d)", 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_fchflags, "fchflags", 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_fdatasync, "fdatasync", 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_freebsd11_fhstat, "freebsd11_fhstat", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_fhstatfs, "freebsd11_fhstatfs", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_flock, "flock", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_fork, "fork", "%s()", 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_freebsd11_fstat, "freebsd11_fstat", "%s(%d,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_fstatat,
 "freebsd11_fstatat", "%s(%d,\"%s\", %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_fstatfs, "freebsd11_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_futimens, "futimens", "%s(%d,%p)", 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_freebsd11_getdirentries, "freebsd11_getdirentries", 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_freebsd11_getfsstat, "freebsd11_getfsstat", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getgid, "getgid",
 "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_getgroups, "getgroups", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getitimer, "getitimer", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getlogin, "getlogin", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getpeername, "getpeername", NULL, NULL, NULL },
{ 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_getrandom, "getrandom", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getresgid, "getresgid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getresuid, "getresuid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getrlimit, "getrlimit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_getrusage, "getrusage", NULL, 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, print_ioctl, NULL },
{ TARGET_FREEBSD_NR_issetugid, "issetugid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_kevent, "freebsd11_kevent", NULL, 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_freebsd11_lstat,
 "freebsd11_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_minherit, "minherit", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mkdir, "mkdir", "%s(\"%s\",%#o)", NULL, NULL },
{ TARGET_FREEBSD_NR_mkfifo, "mkfifo", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mknodat, "mknodat", "%s(%d, \"%s\",%#o,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_mknod, "freebsd11_mknod", "%s(\"%s\",%#o,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_mknodat, "freebsd11_mknodat", "%s(%d, \"%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, print_syscall_ret_addr },
{ TARGET_FREEBSD_NR_mount, "mount", 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_msgrcv, "msgrcv", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msgsnd, "msgsnd", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msync, "msync", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_munlock, "munlock", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_munlockall, "munlockall", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_munmap, "munmap", "%s(%p,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_nanosleep, "nanosleep", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_nfssvc, "nfssvc", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_open, "open", "%s(\"%s\",%#x,%#o)", NULL, NULL },
{ TARGET_FREEBSD_NR_openat, "openat", "%s(%d, \"%s\",%#x,%#o)", NULL, NULL },
{ TARGET_FREEBSD_NR_pathconf, "pathconf", "%s(\"%s\", %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd10_pipe, "freebsd10_pipe", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_pipe2, "pipe2", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_poll, "poll", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_posix_fallocate,
 "posix_fallocate", 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_ptrace, "ptrace", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_pwrite, "pwrite", 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_readv, "readv", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_reboot, "reboot", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_recvfrom, "recvfrom", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_recvmsg, "recvmsg", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_rename, "rename", "%s(\"%s\",\"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_revoke, "revoke", 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_get_priority_max, "sched_get_priority_max", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sched_get_priority_min, "sched_get_priority_min", 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_setgroups, "setgroups", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_setitimer, "setitimer", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_setlogin, "setlogin", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_setpgid, "setpgid", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_setpriority, "setpriority", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_setregid, "setregid", 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 },
{ TARGET_FREEBSD_NR_shmctl, "shmctl",
 NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_shmdt, "shmdt", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_shmget, "shmget", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_shutdown, "shutdown", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sigaction, "sigaction", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sigaltstack, "sigaltstack", "%s(%p,%p)", NULL, NULL },
{ TARGET_FREEBSD_NR_sigpending, "sigpending", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sigprocmask, "sigprocmask", NULL, NULL, NULL },
```

```
{ TARGET_FREEBSD_NR_sigreturn, "sigreturn", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sigsuspend, "sigsuspend", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_socket, "socket", "%s(%d,%d,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_socketpair, "socketpair", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sstk, "sstk", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_stat, "freebsd11_stat", "%s(\"%s\",%p)", NULL, NULL },
{ TARGET_FREEBSD_NR_freebsd11_statfs, "freebsd11_statfs", "%s(\"%s\",%p)", NULL, NULL },
{ TARGET_FREEBSD_NR_symlink, "symlink",
 "%s(\"%s\",\"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_sync, "sync", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_sysarch, "sysarch", NULL, print_sysarch, NULL },
{ TARGET_FREEBSD_NR_syscall, "syscall", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktimer_create, "timer_create" , NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktimer_delete, "timer_delete" , NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktimer_settime, "timer_settime" , NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktimer_gettime, "timer_gettime" , NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktimer_getoverrun, "timer_getoverrun" , NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_thr_create, "thr_create", "%s(%#x, %#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_exit, "thr_exit", "%s(%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_kill, "thr_kill", "%s(%d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_kill2, "thr_kill2", "%s(%d, %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_new, "thr_new", "%s(%#x, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_self, "thr_self", "%s(%#x)",
 NULL, NULL },
{ TARGET_FREEBSD_NR_thr_set_name, "thr_set_name", "%s(%d, \"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_suspend, "thr_suspend", "%s(%d, %#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_thr_wake, "thr_wake", "%s(%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_truncate, "truncate", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_umask, "umask", "%s(%#o)", NULL, NULL },
{ TARGET_FREEBSD_NR_unlink, "unlink", "%s(\"%s\")", NULL, NULL },
{ TARGET_FREEBSD_NR_unmount, "unmount", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_utimes, "utimes", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_utimensat, "utimensat", "%s(%d,%s,%p,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_vfork, "vfork", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_wait4, "wait4", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_wait6, "wait6", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_write, "write", "%s(%d,%#x,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_writev, "writev", "%s(%d,%p,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_posix_openpt, "posix_openpt", "%s(%d)", NULL,
 NULL },
/*
*  FreeBSD VM parameters definitions
*
*  Copyright (c) 2013 Stacey D. Son
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*/
#ifndef _TARGET_OS_VMPARAM_H_
#define _TARGET_OS_VMPARAM_H_

#include "target_arch_vmparam.h"

/* Compare to sys/exec.h */
struct target_ps_strings {
  abi_ulong ps_argvstr;
  uint32_t ps_nargvstr;
  abi_ulong ps_envstr;
  uint32_t ps_nenvstr;
};

extern
 abi_ulong target_stkbas;
extern abi_ulong target_stksiz;

#define TARGET_PS_STRINGS  ((target_stkbas + target_stksiz) - \
                        sizeof(struct target_ps_strings))

#endif /* !TARGET_OS_VMPARAM_H_ */
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#ifndef _SYSCALL_DEFS_H_
#define _SYSCALL_DEFS_H_

#include <sys/syscall.h>

#include "errno_defs.h"

#include "freebsd/syscall_nr.h"
#include "netbsd/syscall_nr.h"
#include "openbsd/syscall_nr.h"

/*
* machine/_types.h
* or x86/_types.h
 */

/*
* time_t seems to be very inconsistly defined for the different *BSD's...
*
* FreeBSD uses a 64bits time_t except on i386
* so we have to add a special case here.
*
```

```
* On NetBSD time_t is always defined as an int64_t.  On OpenBSD time_t
* is always defined as an int.
*
*/
#if (!defined(TARGET_I386))
typedef int64_t target_freebsd_time_t;
#else
typedef int32_t target_freebsd_time_t;
#endif

struct target_iovec {
  abi_long iov_base;   /* Starting address */
  abi_long iov_len;   /* Number of bytes */
};

/*
*  sys/mman.h
*/
#define TARGET_FREEBSD_MAP_RESERVED0080 0x0080  /* previously misimplemented */
                                /* MAP_INHERIT */
#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 */
#define TARGET_BSD_MAP_FLAGMASK         0x3ff7

/*
* sys/time.h
* sys/timex.h
*/

typedef abi_long target_freebsd_suseconds_t;

/* compare to sys/timespec.h */
struct target_freebsd_timespec {
  target_freebsd_time_t   tv_sec;     /* seconds */
  abi_long                tv_nsec;    /* and nanoseconds */
#if !defined(TARGET_I386) && TARGET_ABI_BITS == 32
  abi_long _pad;
#endif
};

#define TARGET_CPUCLOCK_WHICH_PID   0
#define TARGET_CPUCLOCK_WHICH_TID   1

/* sys/umtx.h */
struct target_freebsd__umtx_time {
  struct target_freebsd_timespec  _timeout;
  uint32_t    _flags;
  uint32_t    _clockid;
};

struct target_freebsd_timeval {
  target_freebsd_time_t       tv_sec; /*
 seconds */
  target_freebsd_suseconds_t  tv_usec;/* and microseconds */
#if !defined(TARGET_I386) && TARGET_ABI_BITS == 32
  abi_long _pad;
#endif
};

/*
*  sys/resource.h
*/
#if defined(__FreeBSD__)
#define TARGET_RLIM_INFINITY    RLIM_INFINITY
#else
```

```
#define TARGET_RLIM_INFINITY    ((abi_ulong)-1)
#endif

#define TARGET_RLIMIT_CPU       0
#define TARGET_RLIMIT_FSIZE     1
#define TARGET_RLIMIT_DATA      2
#define TARGET_RLIMIT_STACK     3
#define TARGET_RLIMIT_CORE      4
#define TARGET_RLIMIT_RSS       5
#define TARGET_RLIMIT_MEMLOCK   6
#define TARGET_RLIMIT_NPROC     7
#define TARGET_RLIMIT_NOFILE    8
#define TARGET_RLIMIT_SBSIZE    9
#define TARGET_RLIMIT_AS        10
#define TARGET_RLIMIT_NPTS      11
#define TARGET_RLIMIT_SWAP      12

struct target_rlimit {
  uint64_t rlim_cur;
  uint64_t rlim_max;
};

struct target_freebsd_rusage {
  struct target_freebsd_timeval ru_utime; /* user time used */
  struct target_freebsd_timeval ru_stime; /* system time used */

  abi_long    ru_maxrss;      /* maximum resident set size */
  abi_long    ru_ixrss;       /* integral shared memory size */
  abi_long    ru_idrss;       /* integral unshared data size */
  abi_long    ru_isrss;       /* integral unshared stack size */
  abi_long    ru_minflt;      /* page reclaims */
  abi_long    ru_majflt;      /* page faults */
  abi_long    ru_nswap;       /* swaps */
  abi_long    ru_inblock;     /* block input operations */
  abi_long    ru_oublock;     /* block output operations */
  abi_long    ru_msgsnd;      /* messages sent */
  abi_long    ru_msgrcv;      /* messages received */
  abi_long    ru_nsignals;    /* signals received */
  abi_long    ru_nvcsw;       /* voluntary context switches */
  abi_long    ru_nivcsw;      /* involuntary context switches */
};

struct target_freebsd__wrusage {
  struct target_freebsd_rusage wru_self;
  struct target_freebsd_rusage wru_children;
};

#endif /* ! _SYSCALL_DEFS_H_ */
```

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```
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*  i386 sysarch system call emulation
*
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*/

#ifndef BSD_USER_ARCH_SYSARCH_H_
#define BSD_USER_ARCH_SYSARCH_H_

#include "target_syscall.h"

static inline abi_long do_freebsd_arch_sysarch(CPUX86State *env, int op,
      abi_ulong parms)
{
  abi_long ret = 0;
  abi_ulong val;
  int idx;

  switch
 (op) {
  case TARGET_FREEBSD_I386_SET_GSBASE:
  case TARGET_FREEBSD_I386_SET_FSBASE:
      if (op == TARGET_FREEBSD_I386_SET_GSBASE) {
          idx = R_GS;
      } else {
          idx = R_FS;
      }
      if (get_user(val, parms, abi_ulong)) {
          return -TARGET_EFAULT;
      }
      cpu_x86_load_seg(env, idx, 0);
      env->segs[idx].base = val;
```

```
        break;

    case TARGET_FREEBSD_I386_GET_GSBASE:
    case TARGET_FREEBSD_I386_GET_FSBASE:
        if (op == TARGET_FREEBSD_I386_GET_GSBASE) {
            idx = R_GS;
        } else {
            idx = R_FS;
        }
        val = env->segs[idx].base;
        if (put_user(val, parms, abi_ulong)) {
            return -TARGET_EFAULT;
        }
        break;

    /* XXX handle the others... */
    default:
        ret = -TARGET_EINVAL;
        break;
    }
    return ret;
}

static inline void do_freebsd_arch_print_sysarch(
        const struct syscallname *name, abi_long arg1, abi_long arg2,

    abi_long arg3, abi_long arg4, abi_long arg5, abi_long arg6)
{

    gemu_log("%s(%d, " TARGET_ABI_FMT_lx ", " TARGET_ABI_FMT_lx ", "
        TARGET_ABI_FMT_lx ")", name->name, (int)arg1, arg2, arg3, arg4);
}

#endif /* !BSD_USER_ARCH_SYSARCH_H_ */
#ifndef _TARGET_OS_SIGINFO_H_
#define _TARGET_OS_SIGINFO_H_

#define TARGET_NSIG     32  /* counting 0; could be 33 (mask is 1-32) */
#define TARGET_NSIG_BPW     (sizeof(uint32_t) * 8)
#define TARGET_NSIG_WORDS   (TARGET_NSIG / TARGET_NSIG_BPW)

/* this struct defines a stack used during syscall handling */
typedef struct target_sigaltstack {
    abi_long    ss_sp;
    abi_ulong   ss_size;
    abi_long    ss_flags;
} target_stack_t;
```

```
typedef struct {
  uint32_t __bits[TARGET_NSIG_WORDS];
} target_sigset_t

struct target_sigaction {
  abi_ulong   _sa_handler;
  int32_t     sa_flags;
  target_sigset_t sa_mask;
};

/* Compare to sys/siginfo.h */
typedef union target_sigval {
  int         sival_int;
  abi_ulong   sival_ptr;
} target_sigval_t;

struct target_ksiginfo {
  int32_t     _signo;
  int32_t     _code;
  int32_t     _errno;
#if TARGET_ABI_BITS == 64
  int32_t     _pad;
#endif
  union {
    struct {
      int32_t           _pid;
      int32_t
        _uid;
      target_sigval_t    _value;
    } _rt;

    struct {
      int32_t           _pid;
      int32_t           _uid;
      int32_t           _struct;
      /* clock_t         _utime; */
      /* clock_t         _stime; */
    } _child;

    struct {
      abi_ulong          _addr;
      int32_t           _trap;
    } _fault;

    struct {
      long              _band;
      int               _fd;
    } _poll;
```

```
  } _reason;
};

typedef union target_siginfo {
  int8_t     si_pad[128];
  struct     target_ksiginfo  _info;
} target_siginfo_t;

#define target_si_signo     _info._signo
#define target_si_code      _info._code
#define target_si_errno     _info._errno
#define target_si_addr      _info._reason._fault._addr

#define TARGET_SEGV_MAPERR  1
#define TARGET_SEGV_ACCERR  2

#define TARGET_TRAP_BRKPT   1
#define TARGET_TRAP_TRACE   2


#endif /* ! _TARGET_OS_SIGINFO_H_
 */
/*
*  FreeBSD siginfo related definitions
*
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*  along with this program; if not, see <http://www.gnu.org/licenses/>.
*/
#ifndef _TARGET_OS_SIGINFO_H_
#define _TARGET_OS_SIGINFO_H_

#define TARGET_NSIG         128
#define TARGET_NSIG_BPW     (sizeof(uint32_t) * 8)
#define TARGET_NSIG_WORDS   (TARGET_NSIG / TARGET_NSIG_BPW)

/* this struct defines a stack used during syscall
```

```
 handling */
typedef struct target_sigaltstack {
  abi_long    ss_sp;
  abi_ulong   ss_size;
  abi_long    ss_flags;
} target_stack_t;

typedef struct {
  uint32_t __bits[TARGET_NSIG_WORDS];
} target_sigset_t;

struct target_sigaction {
  abi_ulong   _sa_handler;
  int32_t     sa_flags;
  target_sigset_t sa_mask;
};

typedef union target_sigval {
  int32_t sival_int;
  abi_ulong sival_ptr;
  int32_t sigval_int;
  abi_ulong sigval_ptr;
} target_sigval_t;

typedef struct target_siginfo {
  int32_t si_signo;   /* signal number */
  int32_t si_errno;   /* errno association */
  int32_t si_code;    /* signal code */
  int32_t si_pid;     /* sending process */
  int32_t si_uid;     /* sender's ruid */
  int32_t si_status;  /* exit value */
  abi_ulong si_addr;  /* faulting instruction */
  union target_sigval si_value;   /* signal value */
  union {
     struct {
        int32_t _trapno;    /* machine specific trap code */
     } _fault;


    /* POSIX.1b timers */
     struct {
        int32_t _timerid;
        int32_t _overrun;
     } _timer;

     struct {
        int32_t _mqd;
     } _mesgp;
```

```
        /* SIGPOLL */
        struct {
            int _band;  /* POLL_IN, POLL_OUT, POLL_MSG */
        } _poll;

        struct {
            abi_long __spare1__;
            int32_t  __spare2_[7];
        } __spare__;
    } _reason;
} target_siginfo_t;

struct target_sigevent {
    abi_int sigev_notify;
    abi_int sigev_signo;
    target_sigval_t sigev_value;
    union {
        abi_int _threadid;

        /*
         * The kernel (and thus QEMU) never looks at these;
         * they're only used as part of the ABI between a
         * userspace program and libc.
         */
        struct {
            abi_ulong _function;
            abi_ulong _attribute;
        } _sigev_thread;
        abi_ushort _kevent_flags;
        abi_long _pad[8];
    } _sigev_un;
};

#define target_si_signo     si_signo
#define
 target_si_code      si_code
#define target_si_errno     si_errno
#define target_si_addr      si_addr

/* SIGILL si_codes */
#define TARGET_ILL_ILLOPC   (1) /* Illegal opcode. */
#define TARGET_ILL_ILLOPN   (2) /* Illegal operand. */
#define TARGET_ILL_ILLADR   (3) /* Illegal addressing mode. */
#define TARGET_ILL_ILLTRP   (4) /* Illegal trap. */
#define TARGET_ILL_PRVOPC   (5) /* Privileged opcode. */
#define TARGET_ILL_PRVREG   (6) /* Privileged register. */
#define TARGET_ILL_COPROC   (7) /* Coprocessor error. */
```

```
#define TARGET_ILL_BADSTK   (8) /* Internal stack error. */

/* SIGSEGV si_codes */
#define TARGET_SEGV_MAPERR  (1) /* address not mapped to object */
#define TARGET_SEGV_ACCERR  (2) /* invalid permissions for mapped object */

/* SIGTRAP si_codes */
#define TARGET_TRAP_BRKPT   (1) /* process beakpoint */
#define TARGET_TRAP_TRACE   (2) /* process trace trap */

/* SIGBUS si_codes */
#define TARGET_BUS_ADRALN   (1)
#define TARGET_BUS_ADRERR   (2)
#define TARGET_BUS_OBJERR
  (3)

/* SIGFPE codes */
#define TARGET_FPE_INTOVF   (1) /* Integer overflow. */
#define TARGET_FPE_INTDIV   (2) /* Integer divide by zero. */
#define TARGET_FPE_FLTDIV   (3) /* Floating point divide by zero. */
#define TARGET_FPE_FLTOVF   (4) /* Floating point overflow. */
#define TARGET_FPE_FLTUND   (5) /* Floating point underflow. */
#define TARGET_FPE_FLTRES   (6) /* Floating point inexact result. */
#define TARGET_FPE_FLTINV   (7) /* Invalid floating point operation. */
#define TARGET_FPE_FLTSUB   (8) /* Subscript out of range. */

#endif /* !_TARGET_OS_SIGINFO_H_ */
/*
*  x86_64 sysarch() syscall emulation
*
*
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*  it under the terms of the GNU General Public License as published by
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*  along with this program; if not, see <http://www.gnu.org/licenses/>.
*/

#ifndef BSD_USER_ARCH_SYSARCH_H_
#define BSD_USER_ARCH_SYSARCH_H_
```

```
#include "target_syscall.h"

static inline abi_long do_freebsd_arch_sysarch(CPUX86State *env, int op,
      abi_ulong parms)
{
  abi_long ret = 0;
  abi_ulong val;
  int idx;

  switch (op) {
  case TARGET_FREEBSD_AMD64_SET_GSBASE:
   case TARGET_FREEBSD_AMD64_SET_FSBASE:
     if (op == TARGET_FREEBSD_AMD64_SET_GSBASE) {
        idx = R_GS;
     } else {
        idx = R_FS;
     }
     if (get_user(val, parms, abi_ulong)) {
        return -TARGET_EFAULT;
     }
     cpu_x86_load_seg(env, idx, 0);
     env->segs[idx].base = val;
     break;

  case TARGET_FREEBSD_AMD64_GET_GSBASE:
  case TARGET_FREEBSD_AMD64_GET_FSBASE:
     if (op == TARGET_FREEBSD_AMD64_GET_GSBASE) {
        idx = R_GS;
     } else {
        idx = R_FS;
     }
     val = env->segs[idx].base;
     if (put_user(val, parms, abi_ulong)) {
        return -TARGET_EFAULT;
     }
     break;

  /* XXX handle the others... */
  default:
     ret = -TARGET_EINVAL;
     break;
  }
  return ret;
}

static inline void do_freebsd_arch_print_sysarch(
      const struct syscallname *name, abi_long arg1, abi_long arg2,
      abi_long arg3, abi_long arg4,
```

```
 abi_long arg5, abi_long arg6)
{

  gemu_log("%s(%d, " TARGET_ABI_FMT_lx ", " TARGET_ABI_FMT_lx ", "
     TARGET_ABI_FMT_lx ")", name->name, (int)arg1, arg2, arg3, arg4);
}

#endif /*! BSD_USER_ARCH_SYSARCH_H_ */
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("%04x:%04x ",M.x86.saved_cs, M.x86.saved_ip);
@@ -185,7 +189,7 @@
   for (i=0; i< M.x86.enc_pos; i++) {
      sprintf(buf1+2*i,"%02x", fetch_data_byte_abs(s,o+i));
   }
-    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.c 7 Sep 2007 10:01:21 -0000 1.1
+++ ops2.c 20 Mar 2008 15:48:34 -0000 1.3
@@ -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:
+       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();
}
@@ -1702,14 +1763,14 @@
/*  0xc5 */ x86emuOp2_illegal_op,
/*  0xc6 */ x86emuOp2_illegal_op,
/*  0xc7 */ x86emuOp2_illegal_op,
-/*  0xc8 */ x86emuOp2_illegal_op,  /* TODO: bswap */
-/*  0xc9 */ x86emuOp2_illegal_op,  /* TODO: bswap */
-/*  0xca */ x86emuOp2_illegal_op,  /* TODO: bswap */
-/*  0xcb */ x86emuOp2_illegal_op,  /* TODO: bswap */
-/*  0xcc */ x86emuOp2_illegal_op,  /* TODO: bswap */
-/*  0xcd */ x86emuOp2_illegal_op,  /* TODO: bswap */
-/*  0xce */ x86emuOp2_illegal_op,  /* TODO: bswap */
-/*  0xcf */ x86emuOp2_illegal_op,  /* TODO: bswap */
+/*  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;
+ JMP_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. */
-        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--) {
@@ -2526,6 +2534,8 @@
```

```
        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();
@@ -2559,9 +2569,11 @@
    count = 1;
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
-       /* move them until CX is ZERO. */
-       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--) {
@@ -2574,6 +2586,8 @@
        }
        M.x86.R_SI += inc;
        M.x86.R_DI += inc;
+       if (M.x86.intr & INTR_HALTED)
+           break;
    }
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
@@ -2598,16 +2612,21 @@

    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);
@@ -2655,11 +2674,16 @@
             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 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) {
          store_data_byte_abs(M.x86.R_ES, M.x86.R_DI, M.x86.R_AL);
-          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 (M.x86.intr & INTR_HALTED)
+             break;
       }
       M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
   } else {
@@ -2783,9 +2812,11 @@
   count = 1;
   if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
      /* dont care whether REPE or REPNE */
-      /* move them until CX is ZERO. */
-      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--) {
@@ -2795,6 +2826,8 @@
         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;
   }
   DECODE_CLEAR_SEGOVR();
   END_OF_INSTR();
@@ -2817,11 +2850,16 @@
      inc = 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) {
+      /* move them until (E)CX is ZERO. */
+      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 {
@@ -2859,9 +2897,11 @@
    count = 1;
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
-       /* move them until CX is ZERO. */
-       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--) {
@@ -2871,6 +2911,8 @@
            M.x86.R_AX = fetch_data_word(M.x86.R_SI);
        }
        M.x86.R_SI += inc;
+       if (M.x86.intr & INTR_HALTED)
+           break;
    }
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
@@ -2894,26 +2936,36 @@
        inc = 1;
    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) {
            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;
+           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) {

            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;
+           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))
              break;          /* zero flag set means equal */
+           if (M.x86.intr & INTR_HALTED)
+             break;
        }
        M.x86.mode &= ~SYSMODE_PREFIX_REPNE;
    } else {
@@ -2951,8 +3003,8 @@
    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) {
            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);
@@ -2960,16 +3012,21 @@
              val = fetch_data_word_abs(M.x86.R_ES, M.x86.R_DI);
              cmp_word(M.x86.R_AX, (u16)val);
            }
-           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;
+           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);
@@ -2977,10 +3034,15 @@
              val = fetch_data_word_abs(M.x86.R_ES, M.x86.R_DI);
              cmp_word(M.x86.R_AX, (u16)val);
            }
-           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))
              break;         /* zero flag set means equal */
+           if (M.x86.intr & INTR_HALTED)
+             break;
        }
        M.x86.mode &= ~SYSMODE_PREFIX_REPNE;
    } else {
@@ -3238,9 +3300,9 @@
    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();
@@ -3254,9 +3316,9
 @@
{
   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();
}
@@ -4020,8 +4082,11 @@
   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 &&
```

```
!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 &&
ACCESS_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);
+            JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, destval2, destval, " FAR ");
           TRACE_AND_STEP();
           M.x86.R_IP = destval;
           M.x86.R_CS = destval2;
Index: prim_ops.c
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/prim_ops.c,v
retrieving revision
 1.1
retrieving revision 1.3
diff -u -u -r1.1 -r1.3
--- prim_ops.c 7 Sep 2007 10:01:21 -0000 1.1
+++ prim_ops.c 16 Jan 2008 14:18:15 -0000 1.3
@@ -1921,7 +1921,7 @@
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 = (s64)(s32)d * (s64)(s32)s;

    *res_lo = (u32)res;
    *res_hi = (u32)(res >> 32);
@@ -2013,7 +2013,7 @@
void mul_long(u32 s)
{
#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);
@@ -2312,16 +2312,15 @@
    }
    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 CX is ZERO. */
-       u32 count = ((M.x86.mode & SYSMODE_PREFIX_DATA) ?
+       /* out until (E)CX is ZERO. */
+       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

-//#define DEBUG 0
-#undef DEBUG
/*---------------------- 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)                           \
+   if (DEBUG_TRACEJMPREGS()) \
+      x86emu_dump_regs(); \
+   if (DEBUG_TRACEJMP()) \
+      printk("%04x:%04x: JMP %s%04x:%04x\n", u , v, s, w, x);
#else
# 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 7 Sep 2007 10:01:21 -0000 1.1
+++ include/x86emu/regs.h 15 Jan 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 wether 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;
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.h 7 Sep 2007 10:01:21
 -0000 1.1
+++ include/x86emu/x86emu.h 19 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_TRACECALL_REGS_F  0x004000
#define DEBUG_DECODE_NOPRINT_F  0x008000
#define DEBUG_SAVE_IP_CS_F      0x010000
+#define DEBUG_TRACEJMP_F        0x020000
+#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 */
```

Licensing and contribution policy of dtc and libfdt
==========

This dtc package contains two pieces of software: dtc itself, and
libfdt which comprises the files in the libfdt/ subdirectory. These
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versa. It is important that these two pieces of software have
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important goal.

IMPORTANT It's intended that all of libfdt as released remain
permissively licensed this way. Therefore only contributions which
are released under these terms can be merged into the libfdt mainline.

David Gibson <david@gibson.dropbear.id.au>
(principal original author of dtc and libfdt)
2 November 2007

```
/*
*  netbsd ELF definitions
*
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*
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*/
#ifndef _TARGET_OS_ELF_H_
#define _TARGET_OS_ELF_H_

#include "target_arch_elf.h"
#include "elf.h"

/* this flag is uneffective under linux too, should be deleted */
#ifndef MAP_DENYWRITE
#define MAP_DENYWRITE 0
#endif

/* should probably go in elf.h */
#ifndef ELIBBAD
#define
 ELIBBAD 80
#endif

#ifndef ELF_PLATFORM
#define ELF_PLATFORM (NULL)
#endif
```

```
#ifndef ELF_HWCAP
#define ELF_HWCAP 0
#endif

#ifdef TARGET_ABI32
#undef ELF_CLASS
#define ELF_CLASS ELFCLASS32
#undef bswaptls
#define bswaptls(ptr) bswap32s(ptr)
#endif

/* max code+data+bss space allocated to elf interpreter */
#define INTERP_MAP_SIZE (32 * 1024 * 1024)

/* max code+data+bss+brk space allocated to ET_DYN executables */
#define ET_DYN_MAP_SIZE (128 * 1024 * 1024)

/* Necessary parameters */
#define TARGET_ELF_EXEC_PAGESIZE TARGET_PAGE_SIZE
#define TARGET_ELF_PAGESTART(_v) ((_v) & \
     ~(unsigned long)(TARGET_ELF_EXEC_PAGESIZE - 1))
#define TARGET_ELF_PAGEOFFSET(_v) ((_v) & (TARGET_ELF_EXEC_PAGESIZE - 1))

#define DLINFO_ITEMS 12

static abi_ulong target_create_elf_tables(abi_ulong p, int argc, int envc,
                                abi_ulong stringp,
                                struct elfhdr *exec,
                                abi_ulong load_addr,
                                 abi_ulong load_bias,
                                abi_ulong interp_load_addr,
                                struct image_info *info)
{
     abi_ulong sp;
     int size;
     abi_ulong u_platform;
     const char *k_platform;
     const int n = sizeof(elf_addr_t);

     sp = p;
     u_platform = 0;
     k_platform = ELF_PLATFORM;
     if (k_platform) {
        size_t len = strlen(k_platform) + 1;
        sp -= (len + n - 1) & ~(n - 1);
        u_platform = sp;
        /* FIXME - check return value of memcpy_to_target() for failure */
```

```
            memcpy_to_target(sp, k_platform, len);
        }
        /*
         * Force 16 byte _final_ alignment here for generality.
         */
        sp = sp & ~(abi_ulong)15;
        size = (DLINFO_ITEMS + 1) * 2;
        if (k_platform) {
            size += 2;
        }
#ifdef DLINFO_ARCH_ITEMS
        size += DLINFO_ARCH_ITEMS * 2;
#endif
         size += envc + argc + 2;
        size += 1;                      /* argc itself */
        size *= n;
        if (size & 15) {
            sp -= 16 - (size & 15);
        }

        /*
         * NetBSD defines elf_addr_t as Elf32_Off / Elf64_Off
         */
#define NEW_AUX_ENT(id, val) do {               \
            sp -= n; put_user_ual(val, sp);     \
            sp -= n; put_user_ual(id, sp);      \
          } while (0)

        NEW_AUX_ENT(AT_NULL, 0);

        /* There must be exactly DLINFO_ITEMS entries here.  */
        NEW_AUX_ENT(AT_PHDR, (abi_ulong)(load_addr + exec->e_phoff));
        NEW_AUX_ENT(AT_PHENT, (abi_ulong)(sizeof(struct elf_phdr)));
        NEW_AUX_ENT(AT_PHNUM, (abi_ulong)(exec->e_phnum));
        NEW_AUX_ENT(AT_PAGESZ, (abi_ulong)(TARGET_PAGE_SIZE));
        NEW_AUX_ENT(AT_BASE, (abi_ulong)(interp_load_addr));
        NEW_AUX_ENT(AT_FLAGS, (abi_ulong)0);
        NEW_AUX_ENT(AT_ENTRY, load_bias + exec->e_entry);
        NEW_AUX_ENT(AT_UID,
    (abi_ulong)getuid());
        NEW_AUX_ENT(AT_EUID, (abi_ulong)geteuid());
        NEW_AUX_ENT(AT_GID, (abi_ulong)getgid());
        NEW_AUX_ENT(AT_EGID, (abi_ulong)getegid());
        NEW_AUX_ENT(AT_HWCAP, (abi_ulong)ELF_HWCAP);
        NEW_AUX_ENT(AT_CLKTCK, (abi_ulong)sysconf(_SC_CLK_TCK));
        if (k_platform) {
            NEW_AUX_ENT(AT_PLATFORM, u_platform);
        }
```

```
#ifdef ARCH_DLINFO
    /*
     * ARCH_DLINFO must come last so platform specific code can enforce
     * special alignment requirements on the AUXV if necessary (eg. PPC).
     */
    ARCH_DLINFO;
#endif
#undef NEW_AUX_ENT

    sp = loader_build_argptr(envc, argc, sp, stringp);
    return sp;
}

#endif /* _TARGET_OS_ELF_H_ */
```

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Version 2, June 1991

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*/

#include "target_arch_sysarch.h"    /* architecture dependent functions */


static inline void do_os_print_sysarch(const struct syscallname *name,
      abi_long arg1, abi_long arg2, abi_long arg3, abi_long arg4,
      abi_long arg5, abi_long arg6)
{
   /* This is arch dependent */
  do_freebsd_arch_print_sysarch(name, arg1, arg2, arg3, arg4, arg5, arg6);
}
```

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

#ifndef _ERRNO_DEFS_H_
#define _ERRNO_DEFS_H_

#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 TARGET_EFAULT          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_EROFS           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_EMSGSIZE 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_ENOBUFS          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              /*
 RPC prog. not avail */
#define TARGET_EPROGMISMATCH    75              /* Program version wrong */
#define TARGET_EPROCUNAVAIL     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_ENEEDAUTH        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 */
#define TARGET_EMEDIUMTYPE      86              /* Wrong Medium Type */
#define TARGET_EOVERFLOW        87              /* Conversion
 overflow */
#define TARGET_ECANCELED        88              /* Operation canceled */
#define TARGET_EIDRM            89              /* Identifier removed */
#define TARGET_ENOMSG           90              /* No message of desired type */
#define TARGET_ELAST            90              /* Must be equal largest errno */

/* Internal errors: */
#define TARGET_EJUSTRETURN      254             /* Just return without modifing regs */
#define TARGET_ERESTART         255             /* Restart syscall */
#define TARGET_ERESTARTSYS      TARGET_ERESTART /* Linux compat */

#endif /* !  _ERRNO_DEFS_H_ */
/* XXX OpenBSD dependent strace print functions */
```

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John R. Hauser
2018 January 20

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```
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*  mips64 sysarch() system call emulation
*
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*/

#ifndef BSD_USER_ARCH_SYSARCH_H_
#define BSD_USER_ARCH_SYSARCH_H_

#include "target_syscall.h"
#include "target_arch.h"

static inline abi_long do_freebsd_arch_sysarch(CPUMIPSState *env, int op,
    abi_ulong parms)
```

```
{
  int ret = 0;

  switch (op)
 {
  case TARGET_MIPS_SET_TLS:
     target_cpu_set_tls(env, parms);
     break;

  case TARGET_MIPS_GET_TLS:
     if (put_user(target_cpu_get_tls(env), parms, abi_ulong)) {
        ret = -TARGET_EFAULT;
     }
     break;

  default:
     ret = -TARGET_EINVAL;
     break;
  }

  return ret;
}

static inline void do_freebsd_arch_print_sysarch(
     const struct syscallname *name, abi_long arg1, abi_long arg2,
     abi_long arg3, abi_long arg4, abi_long arg5, abi_long arg6)
{

  switch (arg1) {
  case TARGET_MIPS_SET_TLS:
     gemu_log("%s(SET_TLS, 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
     break;

  case TARGET_MIPS_GET_TLS:
     gemu_log("%s(GET_TLS, 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
     break;

  default:
     gemu_log("UNKNOWN OP: %d, " TARGET_ABI_FMT_lx ")", (int)arg1, arg2);
  }
}

#endif /*!BSD_USER_ARCH_SYSARCH_H_ */
```

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```
/*
* System call numbers.
*
* DO NOT EDIT-- this file is automatically @generated.
* $FreeBSD$
*/

#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_freebsd11_mknod       14
#define TARGET_FREEBSD_NR_chmod 15
#define TARGET_FREEBSD_NR_chown 16
#define TARGET_FREEBSD_NR_break 17
                        /* 18 is freebsd4 getfsstat */
                        /* 19 is old lseek */
#define TARGET_FREEBSD_NR_getpid        20
#define TARGET_FREEBSD_NR_mount 21
#define
 TARGET_FREEBSD_NR_unmount       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_freebsd10_pipe        42
#define TARGET_FREEBSD_NR_getegid       43
#define TARGET_FREEBSD_NR_profil        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_freebsd11_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_getpgrp       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_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_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 */
                        /* 157 is freebsd4 statfs */
                        /* 158 is freebsd4 fstatfs */
#define TARGET_FREEBSD_NR_lgetfh        160
#define TARGET_FREEBSD_NR_getfh 161
                        /* 162 is freebsd4 getdomainname */
                        /* 163 is freebsd4 setdomainname */
                        /* 164 is freebsd4 uname */
#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
                        /* 173 is freebsd6 pread */
                        /* 174 is freebsd6 pwrite */
#define TARGET_FREEBSD_NR_setfib        175
```

```
#define TARGET_FREEBSD_NR_ntp_adjtime   176
#define TARGET_FREEBSD_NR_setgid        181
#define TARGET_FREEBSD_NR_setegid
   182
#define TARGET_FREEBSD_NR_seteuid       183
                        /* 184 is obsolete lfs_bmapv */
                        /* 185 is obsolete lfs_markv */
                        /* 186 is obsolete lfs_segclean */
                        /* 187 is obsolete lfs_segwait */
#define TARGET_FREEBSD_NR_freebsd11_stat        188
#define TARGET_FREEBSD_NR_freebsd11_fstat       189
#define TARGET_FREEBSD_NR_freebsd11_lstat       190
#define TARGET_FREEBSD_NR_pathconf      191
#define TARGET_FREEBSD_NR_fpathconf     192
#define TARGET_FREEBSD_NR_getrlimit     194
#define TARGET_FREEBSD_NR_setrlimit     195
#define TARGET_FREEBSD_NR_freebsd11_getdirentries       196
                        /* 197 is freebsd6 mmap */
#define TARGET_FREEBSD_NR___syscall     198
                        /* 199 is freebsd6 lseek */
                        /* 200 is freebsd6 truncate */
                        /* 201 is freebsd6 ftruncate */
#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
                        /* 223 is obsolete semconfig */
#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_gettime        238
#define TARGET_FREEBSD_NR_ktimer_getoverrun     239
#define TARGET_FREEBSD_NR_nanosleep     240
#define TARGET_FREEBSD_NR_ffclock_getcounter    241
#define TARGET_FREEBSD_NR_ffclock_setestimate   242
#define TARGET_FREEBSD_NR_ffclock_getestimate   243
#define TARGET_FREEBSD_NR_clock_nanosleep       244
#define TARGET_FREEBSD_NR_clock_getcpuclockid2  247
#define TARGET_FREEBSD_NR_ntp_gettime   248
#define TARGET_FREEBSD_NR_minherit      250
#define TARGET_FREEBSD_NR_rfork 251
                        /* 252 is obsolete openbsd_poll */
#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_freebsd11_getdents    272
#define TARGET_FREEBSD_NR_lchmod
      274
                        /* 275 is obsolete netbsd_lchown */
#define TARGET_FREEBSD_NR_lutimes       276
                        /* 277 is obsolete netbsd_msync */
#define TARGET_FREEBSD_NR_freebsd11_nstat       278
#define TARGET_FREEBSD_NR_freebsd11_nfstat      279
#define TARGET_FREEBSD_NR_freebsd11_nlstat      280
#define TARGET_FREEBSD_NR_preadv        289
#define TARGET_FREEBSD_NR_pwritev       290
                        /* 297 is freebsd4 fhstatfs */
#define TARGET_FREEBSD_NR_fhopen        298
#define TARGET_FREEBSD_NR_freebsd11_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
#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
                        /* 318 is freebsd6 aio_read */
                        /* 319 is freebsd6 aio_write */
                        /* 320 is freebsd6 lio_listio */
#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_munlockall    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
                        /* 336 is freebsd4 sendfile */
#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
                        /* 342 is freebsd4 sigaction */
#define TARGET_FREEBSD_NR_sigpending    343
                        /* 344 is freebsd4 sigreturn */
#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___acl_aclcheck_file   353
#define TARGET_FREEBSD_NR___acl_aclcheck_fd     354
#define TARGET_FREEBSD_NR_extattrctl    355
#define TARGET_FREEBSD_NR_extattr_set_file      356
#define TARGET_FREEBSD_NR_extattr_get_file      357
#define TARGET_FREEBSD_NR_extattr_delete_file   358
#define TARGET_FREEBSD_NR_aio_waitcomplete      359
#define TARGET_FREEBSD_NR_getresuid     360
```

```
#define TARGET_FREEBSD_NR_getresgid     361
#define TARGET_FREEBSD_NR_kqueue        362
#define TARGET_FREEBSD_NR_freebsd11_kevent      363
                        /* 364 is obsolete __cap_get_proc */
                        /* 365 is obsolete __cap_set_proc */
                        /* 366 is obsolete __cap_get_fd */
                        /* 367 is obsolete
 __cap_get_file */
                        /* 368 is obsolete __cap_set_fd */
                        /* 369 is obsolete __cap_set_file */
#define TARGET_FREEBSD_NR_extattr_set_fd        371
#define TARGET_FREEBSD_NR_extattr_get_fd        372
#define TARGET_FREEBSD_NR_extattr_delete_fd     373
#define TARGET_FREEBSD_NR___setugid     374
                        /* 375 is obsolete nfsclnt */
#define TARGET_FREEBSD_NR_eaccess       376
#define TARGET_FREEBSD_NR_afs3_syscall  377
#define TARGET_FREEBSD_NR_nmount        378
                        /* 379 is obsolete kse_exit */
                        /* 380 is obsolete kse_wakeup */
                        /* 381 is obsolete kse_create */
                        /* 382 is obsolete kse_thr_interrupt */
                        /* 383 is obsolete kse_release */
#define TARGET_FREEBSD_NR___mac_get_proc        384
#define TARGET_FREEBSD_NR___mac_set_proc        385
#define TARGET_FREEBSD_NR___mac_get_fd
 386
#define TARGET_FREEBSD_NR___mac_get_file        387
#define TARGET_FREEBSD_NR___mac_set_fd  388
#define TARGET_FREEBSD_NR___mac_set_file        389
#define TARGET_FREEBSD_NR_kenv  390
#define TARGET_FREEBSD_NR_lchflags      391
#define TARGET_FREEBSD_NR_uuidgen       392
#define TARGET_FREEBSD_NR_sendfile      393
#define TARGET_FREEBSD_NR_mac_syscall   394
#define TARGET_FREEBSD_NR_freebsd11_getfsstat   395
#define TARGET_FREEBSD_NR_freebsd11_statfs      396
#define TARGET_FREEBSD_NR_freebsd11_fstatfs     397
#define TARGET_FREEBSD_NR_freebsd11_fhstatfs    398
#define TARGET_FREEBSD_NR_ksem_close    400
#define TARGET_FREEBSD_NR_ksem_post     401
#define TARGET_FREEBSD_NR_ksem_wait     402
#define TARGET_FREEBSD_NR_ksem_trywait  403
#define TARGET_FREEBSD_NR_ksem_init     404
#define TARGET_FREEBSD_NR_ksem_open     405
#define TARGET_FREEBSD_NR_ksem_unlink   406
#define TARGET_FREEBSD_NR_ksem_getvalue 407
#define TARGET_FREEBSD_NR_ksem_destroy  408
```

```
#define
 TARGET_FREEBSD_NR___mac_get_pid 409
#define TARGET_FREEBSD_NR___mac_get_link        410
#define TARGET_FREEBSD_NR___mac_set_link        411
#define TARGET_FREEBSD_NR_extattr_set_link      412
#define TARGET_FREEBSD_NR_extattr_get_link      413
#define TARGET_FREEBSD_NR_extattr_delete_link   414
#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_jail_attach   436
#define TARGET_FREEBSD_NR_extattr_list_fd       437
#define TARGET_FREEBSD_NR_extattr_list_file     438
#define TARGET_FREEBSD_NR_extattr_list_link     439
                        /* 440 is obsolete kse_switchin */
#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_audit 445
#define TARGET_FREEBSD_NR_auditon       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_sigqueue
 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_fsync     465
#define TARGET_FREEBSD_NR_rtprio_thread 466
#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_freebsd12_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_faccessat     489
#define TARGET_FREEBSD_NR_fchmodat      490
#define TARGET_FREEBSD_NR_fchownat      491
#define TARGET_FREEBSD_NR_fexecve       492
#define TARGET_FREEBSD_NR_freebsd11_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_freebsd11_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_freebsd12_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
                        /* 514 is obsolete cap_new */
#define TARGET_FREEBSD_NR___cap_rights_get      515
#define TARGET_FREEBSD_NR_cap_enter     516
#define TARGET_FREEBSD_NR_cap_getmode   517
#define TARGET_FREEBSD_NR_pdfork        518
#define TARGET_FREEBSD_NR_pdkill        519
#define TARGET_FREEBSD_NR_pdgetpid      520
#define TARGET_FREEBSD_NR_pselect       522
#define TARGET_FREEBSD_NR_getloginclass 523
#define TARGET_FREEBSD_NR_setloginclass 524
#define TARGET_FREEBSD_NR_rctl_get_racct        525
#define TARGET_FREEBSD_NR_rctl_get_rules        526
#define TARGET_FREEBSD_NR_rctl_get_limits
    527
#define TARGET_FREEBSD_NR_rctl_add_rule 528
#define TARGET_FREEBSD_NR_rctl_remove_rule      529
#define TARGET_FREEBSD_NR_posix_fallocate       530
#define TARGET_FREEBSD_NR_posix_fadvise 531
#define TARGET_FREEBSD_NR_wait6 532
#define TARGET_FREEBSD_NR_cap_rights_limit      533
#define TARGET_FREEBSD_NR_cap_ioctls_limit      534
#define TARGET_FREEBSD_NR_cap_ioctls_get        535
#define TARGET_FREEBSD_NR_cap_fcntls_limit      536
#define TARGET_FREEBSD_NR_cap_fcntls_get        537
#define TARGET_FREEBSD_NR_bindat        538
#define TARGET_FREEBSD_NR_connectat     539
#define TARGET_FREEBSD_NR_chflagsat     540
#define TARGET_FREEBSD_NR_accept4       541
#define TARGET_FREEBSD_NR_pipe2 542
#define TARGET_FREEBSD_NR_aio_mlock     543
#define TARGET_FREEBSD_NR_procctl       544
#define TARGET_FREEBSD_NR_ppoll 545
#define TARGET_FREEBSD_NR_futimens      546
#define TARGET_FREEBSD_NR_utimensat     547
                        /* 548 is obsolete numa_getaffinity
 */
                        /* 549 is obsolete numa_setaffinity */
#define TARGET_FREEBSD_NR_fdatasync     550
#define TARGET_FREEBSD_NR_fstat 551
#define TARGET_FREEBSD_NR_fstatat       552
#define TARGET_FREEBSD_NR_fhstat        553
#define TARGET_FREEBSD_NR_getdirentries 554
#define TARGET_FREEBSD_NR_statfs        555
```

```
#define TARGET_FREEBSD_NR_fstatfs       556
#define TARGET_FREEBSD_NR_getfsstat     557
#define TARGET_FREEBSD_NR_fhstatfs      558
#define TARGET_FREEBSD_NR_mknodat       559
#define TARGET_FREEBSD_NR_kevent        560
#define TARGET_FREEBSD_NR_cpuset_getdomain      561
#define TARGET_FREEBSD_NR_cpuset_setdomain      562
#define TARGET_FREEBSD_NR_getrandom     563
#define TARGET_FREEBSD_NR_getfhat       564
#define TARGET_FREEBSD_NR_fhlink        565
#define TARGET_FREEBSD_NR_fhlinkat      566
#define TARGET_FREEBSD_NR_fhreadlink    567
#define TARGET_FREEBSD_NR_funlinkat     568
#define TARGET_FREEBSD_NR_copy_file_range       569
#define TARGET_FREEBSD_NR___sysctlbyname
      570
#define TARGET_FREEBSD_NR_shm_open2     571
#define TARGET_FREEBSD_NR_shm_rename    572
#define TARGET_FREEBSD_NR_sigfastblock  573
#define TARGET_FREEBSD_NR___realpathat  574
#define TARGET_FREEBSD_NR_close_range   575
#define TARGET_FREEBSD_NR_rpctls_syscall        576
#define TARGET_FREEBSD_NR_MAXSYSCALL    577
```

License-History.txt

==========

This file contains the history of license change and contributor's agreement changes.

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Key Dates

---

* August 3, 2017

Update the TianoCore Contribution Agreement from Version 1.0 to Version 1.1 to cover open source documentation associated with the TianoCore project.

Version 1.0 covers source code files. Version 1.1 is a backwards compatible extension that adds support for document files in both source form and compiled form.

References:

https://opensource.org/licenses/BSD-2-Clause
Complete text of TianoCore Contribution Agreement 1.0 included below
Complete text of TianoCore Contribution Agreement 1.1 included below

Proposals (RFCs):
https://lists.01.org/pipermail/edk2-devel/2017-March/008654.html

TianoCore Bugzilla:
https://bugzilla.tianocore.org/show_bug.cgi?id=629

* April 9, 2019

Replace BSD 2-Clause License with BSD + Patent License removing the need for
the TianoCore Contribution Agreement.

References:
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Proposals (RFCs):
https://lists.01.org/pipermail/edk2-devel/2019-February/036260.html
https://lists.01.org/pipermail/edk2-devel/2019-March/037500.html

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Contributions.txt: TianoCore Contribution Agreement 1.1

==========
= Code Contributions =
==========

To make a contribution to a TianoCore project, follow these steps.

1. Create a change description in the format specified below to
use in the source control commit log.
2. Your commit message must include your "Signed-off-by" signature,
and "Contributed-under" message.
3. Your "Contributed-under" message explicitly states that the
contribution is made under the terms of the specified
contribution agreement. Your "Contributed-under" message
must include the name of contribution agreement and version.
For example: Contributed-under: TianoCore Contribution Agreement 1.1
The "TianoCore Contribution Agreement" is included below in
this document.
4. Submit your code to the TianoCore project using the process
that the project documents on its web page. If the process is
not documented, then submit the code on development email list
for the project.
5. It is preferred that contributions are submitted using the same
copyright license as the base project. When
that is not possible,
then contributions using the following licenses can be accepted:
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Contributions using other licenses might be accepted, but further
review will be required.

```
=====================================================
= Change Description / Commit Message / Patch Email =
=====================================================

Your change description should use the standard format for a
commit message, and must include
your "Signed-off-by" signature
and the "Contributed-under" message.

== Sample Change Description / Commit Message =

=== Start of sample patch email message ===

From: Contributor Name <contributor@example.com>
Subject: [Repository/Branch PATCH] Module: Brief-single-line-summary

Full-commit-message

Contributed-under: TianoCore Contribution Agreement 1.1
Signed-off-by: Contributor Name <contributor@example.com>
---

An extra message for the patch email which will not be considered part
of the commit message can be added here.

Patch content inline or attached

=== End of sample patch email message ===

=== Notes for sample patch email ===

* The first line of commit message is taken from the email's subject
  line following [Repository/Branch PATCH]. The remaining portion of the
  commit message is the email's content until the '---' line.
* git format-patch is one way to create this format

=== Definitions
for sample patch email ===

* "Repository" is the identifier of the repository the patch applies.
```

This identifier should only be provided for repositories other than
'edk2'. For example 'edk2-BuildSpecification' or 'staging'.
* "Branch" is the identifier of the branch the patch applies. This
identifier should only be provided for branches other than 'edk2/master'.
For example 'edk2/UDK2015', 'edk2-BuildSpecification/release/1.27', or
'staging/edk2-test'.
* "Module" is a short identifier for the affected code or documentation. For
example 'MdePkg', 'MdeModulePkg/UsbBusDxe', 'Introduction', or
'EDK II INF File Format'.
* "Brief-single-line-summary" is a short summary of the change.
* The entire first line should be less than ~70 characters.
* "Full-commit-message" a verbose multiple line comment describing
the change. Each line should be less than ~70 characters.
* "Contributed-under" explicitly states that the
contribution is
made under the terms of the contribution agreement. This
agreement is included below in this document.
* "Signed-off-by" is the contributor's signature identifying them
by their real/legal name and their email address.

==========
= TianoCore Contribution Agreement 1.1 =
==========

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or given pursuant to this Agreement, and all documentation and
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Contributions.txt: TianoCore Contribution Agreement 1.0

==========
= Code Contributions =
==========

To make a contribution to a TianoCore project, follow these steps.
1. Create a change description in the format specified below to
use in the source control commit log.
2. Your commit message must include your "Signed-off-by" signature,
and "Contributed-under"
message.
3. Your "Contributed-under" message explicitly states that the
contribution is made under the terms of the specified
contribution agreement. Your "Contributed-under" message
must include the name of contribution agreement and version.
For example: Contributed-under: TianoCore Contribution Agreement 1.0
The "TianoCore Contribution Agreement" is included below in
this document.
4. Submit your code to the TianoCore project using the process
that the project documents on its web page. If the process is
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for the project.
5. It is preferred that contributions are submitted using the same

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then contributions using the following licenses can be accepted:
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Contributions of code put into the public domain can also be
accepted.

Contributions using other licenses might be accepted, but further
review will be required.

```
=====================================================
= Change Description / Commit Message / Patch Email =
=====================================================

Your change description should use the standard format for a
commit message, and must include your "Signed-off-by" signature
and the "Contributed-under" message.

== Sample Change Description / Commit Message =

=== Start of sample patch email message ===

From: Contributor Name <contributor@example.com>
Subject: [PATCH] CodeModule: Brief-single-line-summary

Full-commit-message

Contributed-under:
TianoCore Contribution Agreement 1.0
Signed-off-by: Contributor Name <contributor@example.com>
---

An extra message for the patch email which will not be considered part
of the commit message can be added here.

Patch content inline or attached

=== End of sample patch email message ===

=== Notes for sample patch email ===

* The first line of commit message is taken from the email's subject
  line following [PATCH]. The remaining portion of the commit message
  is the email's content until the '---' line.
```

* git format-patch is one way to create this format

=== Definitions for sample patch email ===

* "CodeModule" is a short idenfier for the affected code. For
  example MdePkg, or MdeModulePkg UsbBusDxe.
* "Brief-single-line-summary" is a short summary of the change.
* The entire first line should be less than ~70 characters.
* "Full-commit-message" a verbose multiple line comment describing
  the change.
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--------------------------------------------------------------------------------
/*
*  x86_64 thread support
*
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*  You should have received a copy of the GNU General Public License
*  along with this program; if not, see <http://www.gnu.org/licenses/>.
*/
#ifndef _TARGET_ARCH_THREAD_H_
#define _TARGET_ARCH_THREAD_H_

/* Compare to vm_machdep.c cpu_set_upcall_kse() */
static inline void target_thread_set_upcall(CPUX86State *regs, abi_ulong entry,
  abi_ulong arg, abi_ulong stack_base, abi_ulong stack_size)
{
  /* XXX
 */
}

static inline void target_thread_init(struct target_pt_regs *regs,
  struct image_info *infop)
{
  regs->rax = 0;
  regs->rsp = infop->start_stack;
```

```
  regs->rip = infop->entry;
  if (bsd_type == target_freebsd) {
      regs->rdi = infop->start_stack;
  }
}

#endif /* !_TARGET_ARCH_THREAD_H_ */
```

==> edk2/License.txt <==

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Key Dates

---

* August 3, 2017

Update the TianoCore Contribution Agreement from Version 1.0
to Version 1.1 to cover open source documentation associated
with the TianoCore project.

Version 1.0 covers source code files. Version 1.1 is a
backwards compatible extension that adds support for document
files in both source form and compiled form.

References:

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Proposals (RFCs):

https://lists.01.org/pipermail/edk2-devel/2017-March/008654.html

TianoCore Bugzilla:
https://bugzilla.tianocore.org/show_bug.cgi?id=629

* April 9, 2019

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Proposals (RFCs):
https://lists.01.org/pipermail/edk2-devel/2019-February/036260.html
https://lists.01.org/pipermail/edk2-devel/2019-March/037500.html

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==========

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use in the source control commit log.

2. Your commit message must include your "Signed-off-by" signature,
and "Contributed-under" message.

3. Your "Contributed-under" message
explicitly states that the
contribution is made under the terms of the specified
contribution agreement. Your "Contributed-under" message
must include the name of contribution agreement and version.
For example: Contributed-under: TianoCore Contribution Agreement 1.1
The "TianoCore Contribution Agreement" is included below in
this document.

4. Submit your code to the TianoCore project using the process
that the project documents on its web page. If the process is
not documented, then submit the code on development email list
for the project.

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==========

= Change Description / Commit Message / Patch Email =
==========

Your change description should use the standard format for a
commit message, and must include your "Signed-off-by" signature
and the "Contributed-under" message.

== Sample Change Description / Commit Message =

=== Start of sample patch email message ===

From: Contributor Name <contributor@example.com>
Subject: [Repository/Branch
PATCH] Module: Brief-single-line-summary

Full-commit-message

Contributed-under: TianoCore Contribution Agreement 1.1
Signed-off-by: Contributor Name <contributor@example.com>

An extra message for the patch email which will not be considered part
of the commit message can be added here.

Patch content inline or attached

=== End of sample patch email message ===

=== Notes for sample patch email ===

* The first line of commit message is taken from the email's subject
  line following [Repository/Branch PATCH]. The remaining portion of the
  commit message is the email's content until the '---' line.
* git format-patch is one way to create this format

=== Definitions for sample patch email ===

* "Repository" is the identifier of the repository the patch applies.
  This identifier should only be provided for repositories other than
  'edk2'. For example 'edk2-BuildSpecification' or 'staging'.
* "Branch" is
the identifier of the branch the patch applies. This
  identifier should only be provided for branches other than 'edk2/master'.
  For example 'edk2/UDK2015', 'edk2-BuildSpecification/release/1.27', or
  'staging/edk2-test'.
* "Module" is a short identifier for the affected code or documentation. For
  example 'MdePkg', 'MdeModulePkg/UsbBusDxe', 'Introduction', or
  'EDK II INF File Format'.

* "Brief-single-line-summary" is a short summary of the change.
* The entire first line should be less than ~70 characters.
* "Full-commit-message" a verbose multiple line comment describing
  the change. Each line should be less than ~70 characters.
* "Contributed-under" explicitly states that the contribution is
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contribution is made under the terms of the specified
contribution agreement. Your "Contributed-under" message
must include the name of contribution
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The "TianoCore Contribution Agreement" is included below in
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=====================================================
= Change Description / Commit Message / Patch Email =
=====================================================

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and the "Contributed-under" message.

== Sample Change Description / Commit Message =

=== Start of sample patch email message ===

From: Contributor Name <contributor@example.com>
Subject: [PATCH] CodeModule: Brief-single-line-summary

Full-commit-message

Contributed-under: TianoCore Contribution Agreement 1.0
Signed-off-by: Contributor Name <contributor@example.com>
---

An extra message for the patch email which will not be considered part
of the commit message can be added here.

Patch content inline or
attached

=== End of sample patch email message ===

=== Notes for sample patch email ===

* The first line of commit message is taken from the email's subject
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=== Definitions for sample patch email ===

* "CodeModule" is a short idenfier for the affected code.  For
  example MdePkg, or MdeModulePkg UsbBusDxe.
```

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John R. Hauser
2018 January 20

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*  arm sysarch() system call emulation
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*/

#ifndef BSD_USER_ARCH_SYSARCH_H_
#define BSD_USER_ARCH_SYSARCH_H_

#include "target_syscall.h"
```

```
#include "target_arch.h"

static inline abi_long do_freebsd_arch_sysarch(CPUARMState *env, int op,
      abi_ulong parms)
{
  int ret = 0;

  switch (op)
 {
  case TARGET_FREEBSD_ARM_SYNC_ICACHE:
  case TARGET_FREEBSD_ARM_DRAIN_WRITEBUF:
     break;

  case TARGET_FREEBSD_ARM_SET_TP:
     target_cpu_set_tls(env, parms);
     break;

  case TARGET_FREEBSD_ARM_GET_TP:
     ret = target_cpu_get_tls(env);
     break;

  default:
     ret = -TARGET_EINVAL;
     break;
  }
  return ret;
}

static inline void do_freebsd_arch_print_sysarch(
      const struct syscallname *name, abi_long arg1, abi_long arg2,
      abi_long arg3, abi_long arg4, abi_long arg5, abi_long arg6)
{

  switch (arg1) {
  case TARGET_FREEBSD_ARM_SYNC_ICACHE:
     gemu_log("%s(ARM_SYNC_ICACHE, ...)", name->name);
     break;

  case TARGET_FREEBSD_ARM_DRAIN_WRITEBUF:
     gemu_log("%s(ARM_DRAIN_WRITEBUF, ...)", name->name);
     break;

  case TARGET_FREEBSD_ARM_SET_TP:
     gemu_log("%s(ARM_SET_TP, 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
     break;

  case TARGET_FREEBSD_ARM_GET_TP:
     gemu_log("%s(ARM_GET_TP,
```

```
 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
      break;

  default:
      gemu_log("UNKNOWN OP: %d, " TARGET_ABI_FMT_lx ")", (int)arg1, arg2);
  }
}

#endif /*!BSD_USER_ARCH_SYSARCH_H_ */
/*
*  FreeBSD i386 register structures
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*/

#ifndef _TARGET_ARCH_REG_H_
#define _TARGET_ARCH_REG_H_

/* See sys/i386/include/reg.h */
typedef struct target_reg {
  uint32_t      r_fs;
  uint32_t      r_es;
  uint32_t      r_ds;
  uint32_t      r_edi;
  uint32_t
      r_esi;
  uint32_t      r_ebp;
  uint32_t      r_isp;
  uint32_t      r_ebx;
  uint32_t      r_edx;
  uint32_t      r_ecx;
  uint32_t      r_eax;
  uint32_t      r_trapno;
  uint32_t      r_err;
```

```
  uint32_t        r_eip;
  uint32_t        r_cs;
  uint32_t        r_eflags;
  uint32_t        r_esp;
  uint32_t        r_ss;
  uint32_t        r_gs;
} target_reg_t;

typedef struct target_fpreg {
  uint32_t        fpr_env[7];
  uint8_t         fpr_acc[8][10];
  uint32_t        fpr_ex_sw;
  uint8_t         fpr_pad[64];
} target_fpreg_t;

static inline void target_copy_regs(target_reg_t *regs, const CPUX86State *env)
{

  regs->r_fs = env->segs[R_FS].selector & 0xffff;
  regs->r_es = env->segs[R_ES].selector & 0xffff;
  regs->r_ds = env->segs[R_DS].selector & 0xffff;

  regs->r_edi = env->regs[R_EDI];
  regs->r_esi = env->regs[R_ESI];
  regs->r_ebp = env->regs[R_EBP];
  /* regs->r_isp = env->regs[R_ISP]; XXX */
  regs->r_ebx
 = env->regs[R_EBX];
  regs->r_edx = env->regs[R_EDX];
  regs->r_ecx = env->regs[R_ECX];
  regs->r_eax = env->regs[R_EAX];
  /* regs->r_trapno = env->regs[R_TRAPNO]; XXX */
  regs->r_err = env->error_code;  /* XXX ? */
  regs->r_eip = env->eip;

  regs->r_cs = env->segs[R_CS].selector & 0xffff;

  regs->r_eflags = env->eflags;
  regs->r_esp = env->regs[R_ESP];

  regs->r_ss = env->segs[R_SS].selector & 0xffff;
  regs->r_gs = env->segs[R_GS].selector & 0xffff;
}

#endif /* !_TARGET_ARCH_REG_H_ */
/*
*  x86_64 ELF definitions
*
```

```
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*/
#ifndef _TARGET_ARCH_ELF_H_
#define _TARGET_ARCH_ELF_H_

#define ELF_START_MMAP 0x2aaaaab000ULL
#define ELF_ET_DYN_LOAD_ADDR    0x01021000
#define elf_check_arch(x) (((x) == ELF_ARCH))

#define ELF_HWCAP      0 /* FreeBSD doesn't do AT_HWCAP{,2} on x86 */

#define ELF_CLASS
    ELFCLASS64
#define ELF_DATA       ELFDATA2LSB
#define ELF_ARCH       EM_X86_64

#define USE_ELF_CORE_DUMP
#define ELF_EXEC_PAGESIZE       4096

#endif /* _TARGET_ARCH_ELF_H_ */
```

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executable('bar', 'bar.c')

license = meson.project_license()[0]
if license != 'Apache-2.0'
  error('The license should be Apache-2.0, but it is: ' + license)
endif

```
/*
*  FreeBSD setup_initial_stack() implementation.
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*/

#ifndef _TARGET_OS_STACK_H_
#define _TARGET_OS_STACK_H_

#include <sys/param.h>
#include "target_arch_sigtramp.h"
#include "qemu/guest-random.h"

/*
* The inital FreeBSD stack is as follows:
* (see kern/kern_exec.c exec_copyout_strings() )
 *
*  Hi Address -> char **ps_argvstr  (struct ps_strings for ps, w, etc.)
*              unsigned ps_nargvstr
*              char **ps_envstr
*  PS_STRINGS -> unsigned ps_nenvstr
*
*              machine dependent sigcode (sv_sigcode of size
*                                  sv_szsigcode)
*
*              execpath          (absolute image path for rtld)
*
*              SSP Canary        (sizeof(long) * 8)
*
*              page sizes array  (usually sizeof(u_long) )
*
*  "destp" ->    argv, env strings (up to 262144 bytes)
*/
static inline int setup_initial_stack(struct bsd_binprm *bprm,
      abi_ulong *ret_addr, abi_ulong *stringp)
```

```
{
  int i;
  abi_ulong stack_hi_addr;
  size_t execpath_len, stringspace;
  abi_ulong destp, argvp, envp, p;
  struct target_ps_strings ps_strs;
  char canary[sizeof(abi_long) * 8];

  stack_hi_addr = p = target_stkbas + target_stksiz;

  /* Save some space for ps_strings. */
  p -= sizeof(struct target_ps_strings);

   /* Add machine depedent sigcode. */
  p -= TARGET_SZSIGCODE;
  if (setup_sigtramp(p, (unsigned)offsetof(struct target_sigframe, sf_uc),
          TARGET_FREEBSD_NR_sigreturn)) {
      errno = EFAULT;
      return -1;
  }
  if (bprm->fullpath) {
      execpath_len = strlen(bprm->fullpath) + 1;
      p -= roundup(execpath_len, sizeof(abi_ulong));
      if (memcpy_to_target(p, bprm->fullpath, execpath_len)) {
          errno = EFAULT;
          return -1;
      }
  }
  /* Add canary for SSP. */
  qemu_guest_getrandom_nofail(canary, sizeof(canary));
  p -= roundup(sizeof(canary), sizeof(abi_ulong));
  if (memcpy_to_target(p, canary, sizeof(canary))) {
      errno = EFAULT;
      return -1;
  }
  /* Add page sizes array. */
  p -= sizeof(abi_ulong);
  if (put_user_ual(TARGET_PAGE_SIZE, p)) {
      errno = EFAULT;
      return -1;
  }
  /*
   * Deviate from FreeBSD stack layout: force stack to new page here

  * so that signal trampoline is not sharing the page with user stack
   * frames. This is actively harmful in qemu as it marks pages with
   * code it translated as read-only, which is somewhat problematic
   * for user trying to use the stack as intended.
```

```
 */
p = rounddown(p, TARGET_PAGE_SIZE);

/* Calculate the string space needed */
stringspace = 0;
for (i = 0; i < bprm->argc; ++i) {
    stringspace += strlen(bprm->argv[i]) + 1;
}
for (i = 0; i < bprm->envc; ++i) {
    stringspace += strlen(bprm->envp[i]) + 1;
}
if (stringspace > TARGET_ARG_MAX) {
    errno = ENOMEM;
    return -1;
}
/* Make room for the argv and envp strings */
destp = rounddown(p - stringspace, sizeof(abi_ulong));
p = argvp = destp - (bprm->argc + bprm->envc + 2) * sizeof(abi_ulong);
/* Remember the strings pointer */
if (stringp) {
    *stringp = destp;
}
/*
 * Add argv strings.  Note that the argv[] vectors are added
by
 * loader_build_argptr()
 */
/* XXX need to make room for auxargs */
ps_strs.ps_argvstr = tswapl(argvp);
ps_strs.ps_nargvstr = tswap32(bprm->argc);
for (i = 0; i < bprm->argc; ++i) {
    size_t len = strlen(bprm->argv[i]) + 1;

    if (memcpy_to_target(destp, bprm->argv[i], len)) {
        errno = EFAULT;
        return -1;
    }
    if (put_user_ual(destp, argvp)) {
        errno = EFAULT;
        return -1;
    }
    argvp += sizeof(abi_ulong);
    destp += len;
}
if (put_user_ual(0, argvp)) {
    errno = EFAULT;
    return -1;
}
```

```
  /*
   * Add env strings. Note that the envp[] vectors are added by
   * loader_build_argptr().
   */
  envp = argvp + sizeof(abi_ulong);
  ps_strs.ps_envstr = tswapl(envp);
  ps_strs.ps_nenvstr = tswap32(bprm->envc);
  for (i = 0; i < bprm->envc; ++i) {
      size_t len = strlen(bprm->envp[i]) + 1;

      if (memcpy_to_target(destp, bprm->envp[i],
 len)) {
          errno = EFAULT;
          return -1;
      }
      if (put_user_ual(destp, envp)) {
          errno = EFAULT;
          return -1;
      }
      envp += sizeof(abi_ulong);
      destp += len;
  }
  if (put_user_ual(0, envp)) {
      errno = EFAULT;
      return -1;
  }
  if (memcpy_to_target(stack_hi_addr - sizeof(ps_strs), &ps_strs,
              sizeof(ps_strs))) {
      errno = EFAULT;
      return -1;
  }

  if (ret_addr) {
      *ret_addr = p;
  }

  return 0;
}

#endif /* !_TARGET_OS_STACK_H_ */
bsd_user_ss.add(files(
 'os-sys.c',
))
```

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```
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*  mips system call definitions
*
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*/
#ifndef _MIPS_SYSCALL_H_
#define _MIPS_SYSCALL_H_

/*
* struct target_pt_regs defines the way the registers are stored on the stack
* during a system call.
*/

struct target_pt_regs {
  /* Saved main processor registers. */
  abi_ulong regs[32];

  /* Saved special registers. */
  abi_ulong
```

```
 cp0_status;
  abi_ulong lo;
  abi_ulong hi;
  abi_ulong cp0_badvaddr;
  abi_ulong cp0_cause;
  abi_ulong cp0_epc;
};

#if defined(TARGET_WORDS_BIGENDIAN)
#define UNAME_MACHINE "mips"
#else
#define UNAME_MACHINE "mipsel"
#endif

#define TARGET_HW_MACHINE       "mips"
#define TARGET_HW_MACHINE_ARCH   UNAME_MACHINE

/* sysarch() commands */
#define TARGET_MIPS_SET_TLS     1
#define TARGET_MIPS_GET_TLS     2

#endif /* !_MIPS_SYSCALL_H_ */

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*  Intel x86_64 VM parameters definitions
*
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*/
#ifndef _TARGET_ARCH_VMPARAM_H_
#define _TARGET_ARCH_VMPARAM_H_

#include "cpu.h"

/* compare to amd64/include/vmparam.h */
#define TARGET_MAXTSIZ  (128 * MiB)          /* max text size */
#define TARGET_DFLDSIZ  (32 * GiB)           /* initial data
 size limit */
#define TARGET_MAXDSIZ  (32 * GiB)           /* max data size */
#define TARGET_DFLSSIZ  (8 * MiB)           /* initial stack size limit */
#define TARGET_MAXSSIZ  (512 * MiB)          /* max stack size */
#define TARGET_SGROWSIZ (128 * KiB)          /* amount to grow stack */

#define TARGET_VM_MAXUSER_ADDRESS   (0x00007fffff000000UL)

#define TARGET_USRSTACK (TARGET_VM_MAXUSER_ADDRESS - TARGET_PAGE_SIZE)

static inline abi_ulong get_sp_from_cpustate(CPUX86State *state)
{
  return state->regs[R_ESP];
}

static inline void set_second_rval(CPUX86State *state, abi_ulong retval2)
```

```
{
  state->regs[R_EDX] = retval2;
}

#endif /* !_TARGET_ARCH_VMPARAM_H_ */
```

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```
/*
*  qemu bsd user mode definition
*
```

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*/
#ifndef QEMU_H
#define QEMU_H

#include "qemu/osdep.h"
#include "cpu.h"
#include "qemu/units.h"
#include "exec/cpu_ldst.h"
#include "exec/exec-all.h"

#undef DEBUG_REMAP

#include "exec/user/abitypes.h"

extern char **environ;

enum BSDType {
  target_freebsd,
  target_netbsd,
  target_openbsd,
};
extern
 enum BSDType bsd_type;

#include "exec/user/thunk.h"
#include "target_arch.h"
#include "syscall_defs.h"
#include "target_syscall.h"
#include "target_os_vmparam.h"
#include "target_os_signal.h"
#include "exec/gdbstub.h"

/*
* This struct is used to hold certain information about the image.  Basically,
* it replicates in user space what would be certain task_struct fields in the
* kernel
```

```
*/
struct image_info {
  abi_ulong load_bias;
  abi_ulong load_addr;
  abi_ulong start_code;
  abi_ulong end_code;
  abi_ulong start_data;
  abi_ulong end_data;
  abi_ulong start_brk;
  abi_ulong brk;
  abi_ulong start_mmap;
  abi_ulong mmap;
  abi_ulong rss;
  abi_ulong start_stack;
  abi_ulong entry;
  abi_ulong code_offset;
  abi_ulong data_offset;
  abi_ulong arg_start;
  abi_ulong arg_end;
  uint32_t  elf_flags;
};

#define MAX_SIGQUEUE_SIZE 1024

struct qemu_sigqueue {
  struct qemu_sigqueue *next;
  target_siginfo_t info;
};

struct emulated_sigtable
 {
  int pending; /* true if signal is pending */
  struct qemu_sigqueue *first;
  struct qemu_sigqueue info;  /* Put first signal info here */
};

/*
* NOTE: we force a big alignment so that the stack stored after is aligned too
*/
typedef struct TaskState {
  pid_t ts_tid;     /* tid (or pid) of this task */

  struct TaskState *next;
  struct bsd_binprm *bprm;
  struct image_info *info;

  struct emulated_sigtable sigtab[TARGET_NSIG];
  struct qemu_sigqueue sigqueue_table[MAX_SIGQUEUE_SIZE]; /* siginfo queue */
```

```
  struct qemu_sigqueue *first_free; /* first free siginfo queue entry */
  int signal_pending; /* non zero if a signal may be pending */

  uint8_t stack[];
} __attribute__((aligned(16))) TaskState;

void init_task_state(TaskState *ts);
void stop_all_tasks(void);
extern const char *qemu_uname_release;

/*
* TARGET_ARG_MAX defines the number of bytes allocated for arguments
* and envelope for the new program. 256k should suffice for a reasonable
 * maxiumum env+arg in 32-bit environments, bump it up to 512k for !ILP32
* platforms.
*/
#if TARGET_ABI_BITS > 32
#define TARGET_ARG_MAX (512 * KiB)
#else
#define TARGET_ARG_MAX (256 * KiB)
#endif
#define MAX_ARG_PAGES (TARGET_ARG_MAX / TARGET_PAGE_SIZE)

/*
* This structure is used to hold the arguments that are
* used when loading binaries.
*/
struct bsd_binprm {
      char buf[128];
      void *page[MAX_ARG_PAGES];
      abi_ulong p;
      abi_ulong stringp;
      int fd;
      int e_uid, e_gid;
      int argc, envc;
      char **argv;
      char **envp;
      char *filename;         /* (Given) Name of binary */
      char *fullpath;         /* Full path of binary */
      int (*core_dump)(int, CPUArchState *);
};

void do_init_thread(struct target_pt_regs *regs, struct image_info *infop);
abi_ulong loader_build_argptr(int envc, int argc, abi_ulong sp,
                              abi_ulong stringp);
int loader_exec(const char *filename, char **argv,
 char **envp,
             struct target_pt_regs *regs, struct image_info *infop,
```

```
            struct bsd_binprm *bprm);

int load_elf_binary(struct bsd_binprm *bprm, struct target_pt_regs *regs,
                    struct image_info *info);
int load_flt_binary(struct bsd_binprm *bprm, struct target_pt_regs *regs,
                    struct image_info *info);
int is_target_elf_binary(int fd);

abi_long memcpy_to_target(abi_ulong dest, const void *src,
                          unsigned long len);
void target_set_brk(abi_ulong new_brk);
abi_long do_brk(abi_ulong new_brk);
void syscall_init(void);
abi_long do_freebsd_syscall(void *cpu_env, int num, abi_long arg1,
                            abi_long arg2, abi_long arg3, abi_long arg4,
                            abi_long arg5, abi_long arg6, abi_long arg7,
                            abi_long arg8);
abi_long do_netbsd_syscall(void *cpu_env, int num, abi_long arg1,
                           abi_long arg2, abi_long arg3, abi_long arg4,
                           abi_long arg5, abi_long arg6);
abi_long do_openbsd_syscall(void *cpu_env, int num, abi_long arg1,
                            abi_long arg2, abi_long arg3, abi_long arg4,
                            abi_long arg5, abi_long arg6);
void gemu_log(const char *fmt, ...) GCC_FMT_ATTR(1, 2);
extern __thread CPUState *thread_cpu;
void cpu_loop(CPUArchState *env);
char *target_strerror(int err);
int get_osversion(void);
void fork_start(void);
void fork_end(int child);

#include "qemu/log.h"

/* strace.c */
struct syscallname {
  int nr;
  const char *name;
  const char *format;
  void (*call)(const struct syscallname *,
               abi_long, abi_long, abi_long,
               abi_long, abi_long, abi_long);
  void (*result)(const struct syscallname *, abi_long);
};

void
print_freebsd_syscall(int num,
                      abi_long arg1, abi_long arg2, abi_long arg3,
                      abi_long arg4, abi_long arg5, abi_long arg6);
```

```
void print_freebsd_syscall_ret(int
 num, abi_long ret);
void
print_netbsd_syscall(int num,
                abi_long arg1, abi_long arg2, abi_long arg3,
                abi_long arg4, abi_long arg5, abi_long arg6);
void print_netbsd_syscall_ret(int num, abi_long ret);
void
print_openbsd_syscall(int num,
                 abi_long arg1, abi_long arg2, abi_long arg3,
                 abi_long arg4, abi_long arg5, abi_long arg6);
void print_openbsd_syscall_ret(int num, abi_long ret);
extern int do_strace;

/* signal.c */
void process_pending_signals(CPUArchState *cpu_env);
void signal_init(void);
long do_sigreturn(CPUArchState *env);
long do_rt_sigreturn(CPUArchState *env);
void queue_signal(CPUArchState *env, int sig, target_siginfo_t *info);
abi_long do_sigaltstack(abi_ulong uss_addr, abi_ulong uoss_addr, abi_ulong sp);

/* mmap.c */
int target_mprotect(abi_ulong start, abi_ulong len, int prot);
abi_long target_mmap(abi_ulong start, abi_ulong len, int prot,
                int
 flags, int fd, off_t offset);
int target_munmap(abi_ulong start, abi_ulong len);
abi_long target_mremap(abi_ulong old_addr, abi_ulong old_size,
                 abi_ulong new_size, unsigned long flags,
                 abi_ulong new_addr);
int target_msync(abi_ulong start, abi_ulong len, int flags);
extern unsigned long last_brk;
extern abi_ulong mmap_next_start;
abi_ulong mmap_find_vma(abi_ulong start, abi_ulong size);
void mmap_fork_start(void);
void mmap_fork_end(int child);

/* main.c */
extern char qemu_proc_pathname[];
extern unsigned long target_maxtsiz;
extern unsigned long target_dfldsiz;
extern unsigned long target_maxdsiz;
extern unsigned long target_dflssiz;
extern unsigned long target_maxssiz;
extern unsigned long target_sgrowsiz;

/* syscall.c */
```

```
abi_long get_errno(abi_long ret);
bool is_error(abi_long ret);

/* os-sys.c */
abi_long do_freebsd_sysarch(void *cpu_env, abi_long arg1, abi_long arg2);

/* user access */

#define VERIFY_READ  PAGE_READ
#define VERIFY_WRITE
 (PAGE_READ | PAGE_WRITE)

static inline bool access_ok(int type, abi_ulong addr, abi_ulong size)
{
  return page_check_range((target_ulong)addr, size, type) == 0;
}

/*
* NOTE __get_user and __put_user use host pointers and don't check access.
*
* These are usually used to access struct data members once the struct has been
* locked - usually with lock_user_struct().
*/
#define __put_user(x, hptr)\
({\
  int size = sizeof(*hptr);\
  switch (size) {\
  case 1:\
     *(uint8_t *)(hptr) = (uint8_t)(typeof(*hptr))(x);\
     break;\
  case 2:\
     *(uint16_t *)(hptr) = tswap16((typeof(*hptr))(x));\
     break;\
  case 4:\
     *(uint32_t *)(hptr) = tswap32((typeof(*hptr))(x));\
     break;\
  case 8:\
     *(uint64_t *)(hptr) = tswap64((typeof(*hptr))(x));\
     break;\
  default:\
     abort();\
  } \
  0;\
})

#define __get_user(x, hptr) \
({\
  int size = sizeof(*hptr);\
```

```
  switch (size) {\
  case 1:\
      x = (typeof(*hptr))*(uint8_t
 *)(hptr);\
      break;\
  case 2:\
      x = (typeof(*hptr))tswap16(*(uint16_t *)(hptr));\
      break;\
  case 4:\
      x = (typeof(*hptr))tswap32(*(uint32_t *)(hptr));\
      break;\
  case 8:\
      x = (typeof(*hptr))tswap64(*(uint64_t *)(hptr));\
      break;\
  default:\
      x = 0;\
      abort();\
  } \
  0;\
})

/*
* put_user()/get_user() take a guest address and check access
*
* These are usually used to access an atomic data type, such as an int, that
* has been passed by address.  These internally perform locking and unlocking
* on the data type.
*/
#define put_user(x, gaddr, target_type)                    \
({                                                  \
  abi_ulong __gaddr = (gaddr);                      \
  target_type *__hptr;                              \
  abi_long __ret;                                   \
  __hptr
 = lock_user(VERIFY_WRITE, __gaddr, sizeof(target_type), 0);  \
  if (__hptr) {                                     \
      __ret = __put_user((x), __hptr);              \
      unlock_user(__hptr, __gaddr, sizeof(target_type));        \
  } else                                            \
      __ret = -TARGET_EFAULT;                       \
  __ret;                                            \
})

#define get_user(x, gaddr, target_type)                    \
({                                                  \
  abi_ulong __gaddr = (gaddr);                      \
  target_type *__hptr;                              \
  abi_long __ret;                                   \
```

```
  __hptr = lock_user(VERIFY_READ, __gaddr, sizeof(target_type), 1);   \
  if (__hptr) {
                          \
      __ret = __get_user((x), __hptr);                          \
      unlock_user(__hptr, __gaddr, 0);                           \
  } else {                                                    \
      (x) = 0;                                                \
      __ret = -TARGET_EFAULT;                                    \
  }                                                          \
  __ret;                                                      \
})

#define put_user_ual(x, gaddr) put_user((x), (gaddr), abi_ulong)
#define put_user_sal(x, gaddr) put_user((x), (gaddr), abi_long)
#define put_user_u64(x, gaddr) put_user((x), (gaddr), uint64_t)
#define put_user_s64(x, gaddr) put_user((x), (gaddr), int64_t)
#define put_user_u32(x, gaddr) put_user((x), (gaddr), uint32_t)
#define put_user_s32(x, gaddr) put_user((x), (gaddr), int32_t)
#define put_user_u16(x, gaddr) put_user((x), (gaddr), uint16_t)
#define
 put_user_s16(x, gaddr) put_user((x), (gaddr), int16_t)
#define put_user_u8(x, gaddr)  put_user((x), (gaddr), uint8_t)
#define put_user_s8(x, gaddr)  put_user((x), (gaddr), int8_t)

#define get_user_ual(x, gaddr) get_user((x), (gaddr), abi_ulong)
#define get_user_sal(x, gaddr) get_user((x), (gaddr), abi_long)
#define get_user_u64(x, gaddr) get_user((x), (gaddr), uint64_t)
#define get_user_s64(x, gaddr) get_user((x), (gaddr), int64_t)
#define get_user_u32(x, gaddr) get_user((x), (gaddr), uint32_t)
#define get_user_s32(x, gaddr) get_user((x), (gaddr), int32_t)
#define get_user_u16(x, gaddr) get_user((x), (gaddr), uint16_t)
#define get_user_s16(x, gaddr) get_user((x), (gaddr), int16_t)
#define get_user_u8(x, gaddr)  get_user((x), (gaddr), uint8_t)
#define get_user_s8(x, gaddr)  get_user((x), (gaddr), int8_t)

/*
* copy_from_user() and copy_to_user() are usually used to copy data
* buffers between the target and host.  These internally perform
* locking/unlocking of the memory.
 */
abi_long copy_from_user(void *hptr, abi_ulong gaddr, size_t len);
abi_long copy_to_user(abi_ulong gaddr, void *hptr, size_t len);

/*
* Functions for accessing guest memory.  The tget and tput functions
* read/write single values, byteswapping as necessary.  The lock_user function
* gets a pointer to a contiguous area of guest memory, but does not perform
* any byteswapping.  lock_user may return either a pointer to the guest
```

```
* memory, or a temporary buffer.
*/

/*
* Lock an area of guest memory into the host.  If copy is true then the
* host area will have the same contents as the guest.
*/
static inline void *lock_user(int type, abi_ulong guest_addr, long len,
                              int copy)
{
  if (!access_ok(type, guest_addr, len)) {
     return NULL;
  }
#ifdef DEBUG_REMAP
  {
     void *addr;
     addr = g_malloc(len);
     if (copy) {
        memcpy(addr, g2h_untagged(guest_addr), len);
     } else {
        memset(addr, 0, len);
      }
     return addr;
  }
#else
  return g2h_untagged(guest_addr);
#endif
}

/*
* Unlock an area of guest memory.  The first LEN bytes must be flushed back to
* guest memory. host_ptr = NULL is explicitly allowed and does nothing.
*/
static inline void unlock_user(void *host_ptr, abi_ulong guest_addr,
                               long len)
{

#ifdef DEBUG_REMAP
  if (!host_ptr) {
     return;
  }
  if (host_ptr == g2h_untagged(guest_addr)) {
     return;
  }
  if (len > 0) {
     memcpy(g2h_untagged(guest_addr), host_ptr, len);
  }
  g_free(host_ptr);
```

```
#endif
}

/*
* Return the length of a string in target memory or -TARGET_EFAULT if access
* error.
*/
abi_long target_strlen(abi_ulong gaddr);

/* Like lock_user but for null terminated strings.  */
static inline void *lock_user_string(abi_ulong guest_addr)
{
  abi_long len;
  len = target_strlen(guest_addr);
  if (len < 0) {
     return NULL;
  }
  return lock_user(VERIFY_READ, guest_addr,
 (long)(len + 1), 1);
}

/* Helper macros for locking/unlocking a target struct.  */
#define lock_user_struct(type, host_ptr, guest_addr, copy)      \
  (host_ptr = lock_user(type, guest_addr, sizeof(*host_ptr), copy))
#define unlock_user_struct(host_ptr, guest_addr, copy)          \
  unlock_user(host_ptr, guest_addr, (copy) ? sizeof(*host_ptr) : 0)

#include <pthread.h>

#endif /* QEMU_H */
/*
*  i386 ELF definitions
*
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*/
```

```
#ifndef _TARGET_ARCH_ELF_H_
#define _TARGET_ARCH_ELF_H_

#define ELF_START_MMAP 0x80000000
#define ELF_ET_DYN_LOAD_ADDR    0x01001000
#define elf_check_arch(x) (((x) == EM_386) || ((x) == EM_486))

#define ELF_HWCAP       0 /* FreeBSD doesn't do AT_HWCAP{,2} on x86 */

#define
 ELF_CLASS      ELFCLASS32
#define ELF_DATA        ELFDATA2LSB
#define ELF_ARCH        EM_386

#define USE_ELF_CORE_DUMP
#define ELF_EXEC_PAGESIZE       4096

#endif /* _TARGET_ARCH_ELF_H_ */
```

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```
/*      $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_NR_unmount     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_sigsuspend  111
#define TARGET_OPENBSD_NR_gettimeofday        116
#define TARGET_OPENBSD_NR_getrusage   117
#define TARGET_OPENBSD_NR_getsockopt  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
#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_fstatfs     308
#define TARGET_OPENBSD_NR_fhstatfs
   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 to %g2 rather than npc */
#define TARGET_OPENBSD_SYSCALL_G7RFLAG 0x800   /* use %g7 as above (deprecated) */
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```

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```
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*  i386 cpu init and loop
*
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*/

#ifndef _TARGET_ARCH_CPU_H_
#define _TARGET_ARCH_CPU_H_

#include "target_arch.h"

#define TARGET_DEFAULT_CPU_MODEL "qemu32"

static inline void target_cpu_init(CPUX86State *env,
      struct target_pt_regs *regs)
{
  uint64_t *gdt_table;
```

```
 env->cr[0] = CR0_PG_MASK | CR0_WP_MASK | CR0_PE_MASK;

env->hflags |= HF_PE_MASK | HF_CPL_MASK;
 if (env->features[FEAT_1_EDX] & CPUID_SSE) {
    env->cr[4] |= CR4_OSFXSR_MASK;
    env->hflags |= HF_OSFXSR_MASK;
 }

 /* flags setup : we activate the IRQs by default as in user mode */
 env->eflags |= IF_MASK;

 /* register setup */
 env->regs[R_EAX] = regs->eax;
 env->regs[R_EBX] = regs->ebx;
 env->regs[R_ECX] = regs->ecx;
 env->regs[R_EDX] = regs->edx;
 env->regs[R_ESI] = regs->esi;
 env->regs[R_EDI] = regs->edi;
 env->regs[R_EBP] = regs->ebp;
 env->regs[R_ESP] = regs->esp;
 env->eip = regs->eip;

 /* interrupt setup */
 env->idt.limit = 255;

 env->idt.base = target_mmap(0, sizeof(uint64_t) * (env->idt.limit + 1),
    PROT_READ | PROT_WRITE, MAP_ANONYMOUS | MAP_PRIVATE, -1, 0);
 bsd_i386_set_idt_base(env->idt.base);
 bsd_i386_set_idt(0, 0);
 bsd_i386_set_idt(1, 0);
 bsd_i386_set_idt(2, 0);
 bsd_i386_set_idt(3, 3);
 bsd_i386_set_idt(4, 3);
 bsd_i386_set_idt(5,
0);
 bsd_i386_set_idt(6, 0);
 bsd_i386_set_idt(7, 0);
 bsd_i386_set_idt(8, 0);
 bsd_i386_set_idt(9, 0);
 bsd_i386_set_idt(10, 0);
 bsd_i386_set_idt(11, 0);
 bsd_i386_set_idt(12, 0);
 bsd_i386_set_idt(13, 0);
 bsd_i386_set_idt(14, 0);
 bsd_i386_set_idt(15, 0);
 bsd_i386_set_idt(16, 0);
 bsd_i386_set_idt(17, 0);
```

```
  bsd_i386_set_idt(18, 0);
  bsd_i386_set_idt(19, 0);
  bsd_i386_set_idt(0x80, 3);

  /* segment setup */
  env->gdt.base = target_mmap(0, sizeof(uint64_t) * TARGET_GDT_ENTRIES,
        PROT_READ | PROT_WRITE, MAP_ANONYMOUS | MAP_PRIVATE, -1, 0);
  env->gdt.limit = sizeof(uint64_t) * TARGET_GDT_ENTRIES - 1;
  gdt_table = g2h_untagged(env->gdt.base);

  bsd_i386_write_dt(&gdt_table[__USER_CS >> 3], 0, 0xfffff,
        DESC_G_MASK | DESC_B_MASK | DESC_P_MASK | DESC_S_MASK |
        (3 << DESC_DPL_SHIFT) | (0xa << DESC_TYPE_SHIFT));

  bsd_i386_write_dt(&gdt_table[__USER_DS >> 3], 0, 0xfffff,
        DESC_G_MASK
| DESC_B_MASK | DESC_P_MASK | DESC_S_MASK |
        (3 << DESC_DPL_SHIFT) | (0x2 << DESC_TYPE_SHIFT));

  cpu_x86_load_seg(env, R_CS, __USER_CS);
  cpu_x86_load_seg(env, R_SS, __USER_DS);
  cpu_x86_load_seg(env, R_DS, __USER_DS);
  cpu_x86_load_seg(env, R_ES, __USER_DS);
  cpu_x86_load_seg(env, R_FS, __USER_DS);
  cpu_x86_load_seg(env, R_GS, __USER_DS);
  /* This hack makes Wine work... */
  env->segs[R_FS].selector = 0;
}

static inline void target_cpu_loop(CPUX86State *env)
{
  CPUState *cs = env_cpu(env);
  int trapnr;
  abi_ulong pc;
  /* target_siginfo_t info; */

  for (;;) {
      cpu_exec_start(cs);
      trapnr = cpu_exec(cs);
      cpu_exec_end(cs);
      process_queued_cpu_work(cs);

      switch (trapnr) {
      case 0x80:
          /* syscall from int $0x80 */
          if (bsd_type == target_freebsd) {
              abi_ulong params = (abi_ulong) env->regs[R_ESP] +
                  sizeof(int32_t);
```

```
            int32_t
syscall_nr = env->regs[R_EAX];
            int32_t arg1, arg2, arg3, arg4, arg5, arg6, arg7, arg8;

            if (syscall_nr == TARGET_FREEBSD_NR_syscall) {
               get_user_s32(syscall_nr, params);
               params += sizeof(int32_t);
            } else if (syscall_nr == TARGET_FREEBSD_NR___syscall) {
               get_user_s32(syscall_nr, params);
               params += sizeof(int64_t);
            }
            get_user_s32(arg1, params);
            params += sizeof(int32_t);
            get_user_s32(arg2, params);
            params += sizeof(int32_t);
            get_user_s32(arg3, params);
            params += sizeof(int32_t);
            get_user_s32(arg4, params);
            params += sizeof(int32_t);
            get_user_s32(arg5, params);
            params += sizeof(int32_t);
            get_user_s32(arg6, params);
            params += sizeof(int32_t);

  get_user_s32(arg7, params);
            params += sizeof(int32_t);
            get_user_s32(arg8, params);
            env->regs[R_EAX] = do_freebsd_syscall(env,
                                        syscall_nr,
                                        arg1,
                                        arg2,
                                        arg3,
                                        arg4,
                                        arg5,
                                        arg6,
                                        arg7,
                                        arg8);
         } else { /* if (bsd_type == target_openbsd) */
            env->regs[R_EAX] = do_openbsd_syscall(env,
                                        env->regs[R_EAX],
                                        env->regs[R_EBX],

                                 env->regs[R_ECX],
                                        env->regs[R_EDX],
                                        env->regs[R_ESI],
                                        env->regs[R_EDI],
                                        env->regs[R_EBP]);
         }
```

```
            if (((abi_ulong)env->regs[R_EAX]) >= (abi_ulong)(-515)) {
                env->regs[R_EAX] = -env->regs[R_EAX];
                env->eflags |= CC_C;
            } else {
                env->eflags &= ~CC_C;
            }
            break;

        case EXCP_INTERRUPT:
            /* just indicate that signals should be handled asap */
            break;

        case EXCP_ATOMIC:
            cpu_exec_step_atomic(cs);
            break;

        default:
            pc = env->segs[R_CS].base + env->eip;
            fprintf(stderr, "qemu: 0x%08lx: unhandled CPU exception 0x%x - "
                    "aborting\n", (long)pc,
 trapnr);
            abort();
        }
        process_pending_signals(env);
    }
}

static inline void target_cpu_clone_regs(CPUX86State *env, target_ulong newsp)
{
    if (newsp) {
        env->regs[R_ESP] = newsp;
    }
    env->regs[R_EAX] = 0;
}

static inline void target_cpu_reset(CPUArchState *cpu)
{
    cpu_reset(env_cpu(cpu));
}

#endif /* ! _TARGET_ARCH_CPU_H_ */
/*
*  freebsd ELF definitions
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*/
#ifndef _TARGET_OS_ELF_H_
#define _TARGET_OS_ELF_H_

#include "target_arch_elf.h"
#include "elf.h"

#define bsd_get_ncpu() 1 /* until we pull in bsd-proc.[hc] */

/* this flag is uneffective under linux too, should be deleted */
#ifndef MAP_DENYWRITE
#define MAP_DENYWRITE
 0
#endif

/* should probably go in elf.h */
#ifndef ELIBBAD
#define ELIBBAD 80
#endif

#ifndef ELF_PLATFORM
#define ELF_PLATFORM (NULL)
#endif

/* XXX Look at the other conflicting AT_* values. */
#define FREEBSD_AT_NCPUS     19
#define FREEBSD_AT_HWCAP     25
#define FREEBSD_AT_HWCAP2    26

#ifdef TARGET_ABI32
#undef ELF_CLASS
#define ELF_CLASS ELFCLASS32
#undef bswaptls
#define bswaptls(ptr) bswap32s(ptr)
#endif

/* max code+data+bss space allocated to elf interpreter */
#define INTERP_MAP_SIZE (32 * 1024 * 1024)
```

```
/* max code+data+bss+brk space allocated to ET_DYN executables */
#define ET_DYN_MAP_SIZE (128 * 1024 * 1024)

/* Necessary parameters */
#define TARGET_ELF_EXEC_PAGESIZE TARGET_PAGE_SIZE
#define TARGET_ELF_PAGESTART(_v) ((_v) & \
     ~(unsigned long)(TARGET_ELF_EXEC_PAGESIZE - 1))
#define TARGET_ELF_PAGEOFFSET(_v) ((_v) & (TARGET_ELF_EXEC_PAGESIZE - 1))

#define DLINFO_ITEMS 14

static abi_ulong target_create_elf_tables(abi_ulong p, int argc, int envc,

                                abi_ulong stringp,
                                    struct elfhdr *exec,
                                    abi_ulong load_addr,
                                    abi_ulong load_bias,
                                    abi_ulong interp_load_addr,
                                    struct image_info *info)
{
     abi_ulong features, sp;
     int size;
     const int n = sizeof(elf_addr_t);

     target_auxents_sz = 0;
     sp = p;
     /*
      * Force 16 byte _final_ alignment here for generality.
      */
     sp = sp & ~(abi_ulong)15;
     size = (DLINFO_ITEMS + 1) * 2;
     size += envc + argc + 2;
     size += 1;                    /* argc itself */
     size *= n;
     if (size & 15) {
        sp -= 16 - (size & 15);
     }

     /*
      * FreeBSD defines elf_addr_t as Elf32_Off / Elf64_Off
      */
#define NEW_AUX_ENT(id, val) do {               \
          sp -= n; put_user_ual(val, sp);     \
        sp -= n; put_user_ual(id, sp);      \
        target_auxents_sz += 2 * n;         \
       } while (0)
```

```
    NEW_AUX_ENT(AT_NULL, 0);

    /* There must be exactly DLINFO_ITEMS entries here.  */
    NEW_AUX_ENT(AT_PHDR, (abi_ulong)(load_addr + exec->e_phoff));
    NEW_AUX_ENT(AT_PHENT, (abi_ulong)(sizeof(struct elf_phdr)));
    NEW_AUX_ENT(AT_PHNUM, (abi_ulong)(exec->e_phnum));
    NEW_AUX_ENT(AT_PAGESZ, (abi_ulong)(TARGET_PAGE_SIZE));
    NEW_AUX_ENT(AT_BASE, (abi_ulong)(interp_load_addr));
    NEW_AUX_ENT(AT_FLAGS, (abi_ulong)0);
    NEW_AUX_ENT(FREEBSD_AT_NCPUS, (abi_ulong)bsd_get_ncpu());
    NEW_AUX_ENT(AT_ENTRY, load_bias + exec->e_entry);
    features = ELF_HWCAP;
    NEW_AUX_ENT(FREEBSD_AT_HWCAP, features);
#ifdef ELF_HWCAP2
    features = ELF_HWCAP2;
    NEW_AUX_ENT(FREEBSD_AT_HWCAP2, features);
#endif
    NEW_AUX_ENT(AT_UID, (abi_ulong)getuid());

   NEW_AUX_ENT(AT_EUID, (abi_ulong)geteuid());
    NEW_AUX_ENT(AT_GID, (abi_ulong)getgid());
    NEW_AUX_ENT(AT_EGID, (abi_ulong)getegid());
    target_auxents = sp; /* Note where the aux entries are in the target */
#ifdef ARCH_DLINFO
    /*
     * ARCH_DLINFO must come last so platform specific code can enforce
     * special alignment requirements on the AUXV if necessary (eg. PPC).
     */
    ARCH_DLINFO;
#endif
#undef NEW_AUX_ENT

    sp = loader_build_argptr(envc, argc, sp, stringp);
    return sp;
}

#endif /* _TARGET_OS_ELF_H_ */
/*
*  FreeBSD thread dependent code and definitions
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*/

#ifndef _TARGET_OS_THREAD_H_
#define _TARGET_OS_THREAD_H_

#include "target_arch_thread.h"

#endif /* !_TARGET_OS_THREAD_H_ */
if not have_bsd_user
  subdir_done()
endif

bsd_user_ss.add(files(
 'bsdload.c',
 'elfload.c',
 'main.c',
 'mmap.c',
 'signal.c',
 'strace.c',
 'syscall.c',
 'uaccess.c',
))

# Pull in the OS-specific build glue, if any
subdir(targetos)
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[This is the first released version of the library GPL. It is
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That's all there is to it!
#ifndef _TARGET_OS_SIGINFO_H_
#define _TARGET_OS_SIGINFO_H_

#define TARGET_NSIG 32 /* counting 0; could be 33 (mask is 1-32) */
#define TARGET_NSIG_BPW (sizeof(uint32_t) * 8)
#define TARGET_NSIG_WORDS (TARGET_NSIG / TARGET_NSIG_BPW)

/* this struct defines a stack used during syscall handling */

```
typedef struct target_sigaltstack {
  abi_long    ss_sp;
  abi_ulong   ss_size;
  abi_long    ss_flags;
} target_stack_t;

typedef struct {
  uint32_t __bits[TARGET_NSIG_WORDS];
} target_sigset_t

struct target_sigaction {
  abi_ulong   _sa_handler;
  int32_t     sa_flags;
  target_sigset_t sa_mask;
};

/* Compare to sys/siginfo.h */
typedef union target_sigval {
  int         sival_int;
  abi_ulong   sival_ptr;
} target_sigval_t;

struct target_ksiginfo {
  int32_t     _signo;
  int32_t     _code;
  int32_t     _errno;
#if TARGET_ABI_BITS == 64
  int32_t     _pad;
#endif
  union {
     struct {
        int32_t            _pid;
        int32_t
          _uid;
        target_sigval_t    _value;
     } _rt;

     struct {
        int32_t            _pid;
        int32_t            _uid;
        int32_t            _struct;
        /* clock_t         _utime; */
        /* clock_t         _stime; */
     } _child;

     struct {
        abi_ulong          _addr;
        int32_t            _trap;
```

```
    } _fault;

    struct {
      long              _band;
      int               _fd;
    } _poll;
  } _reason;
};

typedef union target_siginfo {
  int8_t     si_pad[128];
  struct     target_ksiginfo  _info;
} target_siginfo_t;

#define target_si_signo     _info._signo
#define target_si_code      _info._code
#define target_si_errno     _info._errno
#define target_si_addr      _info._reason._fault._addr

#define TARGET_SEGV_MAPERR  1
#define TARGET_SEGV_ACCERR  2

#define TARGET_TRAP_BRKPT   1
#define TARGET_TRAP_TRACE   2


#endif /* ! _TARGET_OS_SIGINFO_H_
 */
```

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*/

#ifndef _HOST_OS_H_
#define _HOST_OS_H_

#define HOST_DEFAULT_BSD_TYPE target_openbsd

#endif /*!_HOST_OS_H_ */
/*
*  mips sysarch() system call emulation
*
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#ifndef BSD_USER_ARCH_SYSARCH_H_
#define BSD_USER_ARCH_SYSARCH_H_

#include "target_syscall.h"
#include "target_arch.h"

static inline abi_long do_freebsd_arch_sysarch(CPUMIPSState *env, int op,
      abi_ulong parms)
{
  int ret = 0;

  switch (op)
 {
  case TARGET_MIPS_SET_TLS:
```

```
        target_cpu_set_tls(env, parms);
        break;

    case TARGET_MIPS_GET_TLS:
        if (put_user(target_cpu_get_tls(env), parms, abi_ulong)) {
            ret = -TARGET_EFAULT;
        }
        break;

    default:
        ret = -TARGET_EINVAL;
        break;
    }

    return ret;
}

static inline void do_freebsd_arch_print_sysarch(
        const struct syscallname *name, abi_long arg1, abi_long arg2,
        abi_long arg3, abi_long arg4, abi_long arg5, abi_long arg6)
{

    switch (arg1) {
    case TARGET_MIPS_SET_TLS:
        gemu_log("%s(SET_TLS, 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
        break;

    case TARGET_MIPS_GET_TLS:
        gemu_log("%s(GET_TLS, 0x" TARGET_ABI_FMT_lx ")", name->name, arg2);
        break;

    default:
        gemu_log("UNKNOWN OP: %d, " TARGET_ABI_FMT_lx ")", (int)arg1, arg2);
    }
}

#endif /*!BSD_USER_ARCH_SYSARCH_H_ */
```

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```
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#ifndef _TARGET_ARCH_SIGTRAMP_H_
#define _TARGET_ARCH_SIGTRAMP_H_

static inline abi_long setup_sigtramp(abi_ulong offset, unsigned sigf_uc,
    unsigned sys_sigreturn)
```

```
{

  return 0;
}
#endif /* _TARGET_ARCH_SIGTRAMP_H_ */
/* $NetBSD: syscall.h,v 1.215 2008/06/17 16:07:57 tsutsui Exp $ */

/*
* System call numbers.
*
* created from NetBSD: 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_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_getpeername 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_getppid     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_profil      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_sigpending13      52
#define TARGET_NETBSD_NR_compat_13_sigaltstack13     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_mincore     78
#define TARGET_NETBSD_NR_getgroups   79
#define TARGET_NETBSD_NR_setgroups   80
#define TARGET_NETBSD_NR_getpgrp     81
```

```
#define TARGET_NETBSD_NR_setpgid     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_ogethostname      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_compat_43_oaccept   99
#define TARGET_NETBSD_NR_getpriority 100
#define TARGET_NETBSD_NR_compat_43_osend     101
#define TARGET_NETBSD_NR_compat_43_orecv     102
#define TARGET_NETBSD_NR_compat_13_sigreturn13       103
#define TARGET_NETBSD_NR_bind        104
#define TARGET_NETBSD_NR_setsockopt  105
#define TARGET_NETBSD_NR_listen      106
#define TARGET_NETBSD_NR_compat_43_osigvec   108
#define TARGET_NETBSD_NR_compat_43_osigblock 109
#define TARGET_NETBSD_NR_compat_43_osigsetmask       110
#define TARGET_NETBSD_NR_compat_13_sigsuspend13      111
#define TARGET_NETBSD_NR_compat_43_osigstack 112
#define TARGET_NETBSD_NR_compat_43_orecvmsg  113
#define TARGET_NETBSD_NR_compat_43_osendmsg  114
#define TARGET_NETBSD_NR_gettimeofday        116
#define TARGET_NETBSD_NR_getrusage
  117
#define TARGET_NETBSD_NR_getsockopt  118
#define TARGET_NETBSD_NR_readv       120
#define TARGET_NETBSD_NR_writev      121
#define TARGET_NETBSD_NR_settimeofday        122
#define TARGET_NETBSD_NR_fchown      123
#define TARGET_NETBSD_NR_fchmod      124
#define TARGET_NETBSD_NR_compat_43_orecvfrom 125
#define TARGET_NETBSD_NR_setreuid    126
#define TARGET_NETBSD_NR_setregid    127
#define TARGET_NETBSD_NR_rename      128
#define TARGET_NETBSD_NR_compat_43_otruncate 129
#define TARGET_NETBSD_NR_compat_43_oftruncate        130
#define TARGET_NETBSD_NR_flock       131
#define TARGET_NETBSD_NR_mkfifo      132
```

```
#define TARGET_NETBSD_NR_sendto      133
#define TARGET_NETBSD_NR_shutdown    134
#define TARGET_NETBSD_NR_socketpair  135
#define TARGET_NETBSD_NR_mkdir       136
#define TARGET_NETBSD_NR_rmdir       137
#define TARGET_NETBSD_NR_utimes      138
#define TARGET_NETBSD_NR_adjtime     140
#define TARGET_NETBSD_NR_compat_43_ogetpeername      141
#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_09_ogetdomainname    162
#define TARGET_NETBSD_NR_compat_09_osetdomainname    163
#define TARGET_NETBSD_NR_compat_09_ouname    164
#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_segclean        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_undelete    205
#define TARGET_NETBSD_NR_futimes     206
#define TARGET_NETBSD_NR_getpgid     207
#define TARGET_NETBSD_NR_reboot      208
#define TARGET_NETBSD_NR_poll        209
#define TARGET_NETBSD_NR_compat_14___semctl  220
#define TARGET_NETBSD_NR_semget      221
#define TARGET_NETBSD_NR_semop       222
#define TARGET_NETBSD_NR_semconfig   223
#define TARGET_NETBSD_NR_compat_14_msgctl    224
#define TARGET_NETBSD_NR_msgget      225
#define TARGET_NETBSD_NR_msgsnd      226
#define TARGET_NETBSD_NR_msgrcv      227
#define TARGET_NETBSD_NR_shmat       228
#define TARGET_NETBSD_NR_compat_14_shmctl    229
#define TARGET_NETBSD_NR_shmdt       230
#define TARGET_NETBSD_NR_shmget      231
#define TARGET_NETBSD_NR_clock_gettime       232
#define TARGET_NETBSD_NR_clock_settime
    233
#define TARGET_NETBSD_NR_clock_getres        234
#define TARGET_NETBSD_NR_timer_create        235
#define TARGET_NETBSD_NR_timer_delete        236
#define TARGET_NETBSD_NR_timer_settime       237
#define TARGET_NETBSD_NR_timer_gettime       238
#define TARGET_NETBSD_NR_timer_getoverrun    239
#define TARGET_NETBSD_NR_nanosleep   240
#define TARGET_NETBSD_NR_fdatasync   241
#define TARGET_NETBSD_NR_mlockall    242
#define TARGET_NETBSD_NR_munlockall  243
#define TARGET_NETBSD_NR___sigtimedwait      244
#define TARGET_NETBSD_NR_modctl      246
#define TARGET_NETBSD_NR__ksem_init  247
#define TARGET_NETBSD_NR__ksem_open  248
#define TARGET_NETBSD_NR__ksem_unlink        249
#define TARGET_NETBSD_NR__ksem_close 250
#define TARGET_NETBSD_NR__ksem_post  251
```

```
#define TARGET_NETBSD_NR__ksem_wait  252
#define TARGET_NETBSD_NR__ksem_trywait       253
#define TARGET_NETBSD_NR__ksem_getvalue      254
#define TARGET_NETBSD_NR__ksem_destroy       255
#define TARGET_NETBSD_NR_mq_open
    257
#define TARGET_NETBSD_NR_mq_close    258
#define TARGET_NETBSD_NR_mq_unlink   259
#define TARGET_NETBSD_NR_mq_getattr  260
#define TARGET_NETBSD_NR_mq_setattr  261
#define TARGET_NETBSD_NR_mq_notify   262
#define TARGET_NETBSD_NR_mq_send     263
#define TARGET_NETBSD_NR_mq_receive  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_____semctl13        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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* NetBSD setup_initial_stack() implementation.
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*/

#ifndef _TARGET_OS_STACK_H_
#define _TARGET_OS_STACK_H_

#include "target_arch_sigtramp.h"

static inline int setup_initial_stack(struct bsd_binprm *bprm, abi_ulong *p,
  abi_ulong *stringp)
{
  int i;
  abi_ulong stack_base;

```
  stack_base
 = (target_stkbas + target_stksiz) -
              MAX_ARG_PAGES * TARGET_PAGE_SIZE;
  if (p) {
     *p = stack_base;
  }
  if (stringp) {
     *stringp = stack_base;
  }

  for (i = 0; i < MAX_ARG_PAGES; i++) {
     if (bprm->page[i]) {
        info->rss++;
        if (!memcpy_to_target(stack_base, bprm->page[i],
                 TARGET_PAGE_SIZE)) {
           errno = EFAULT;
           return -1;
        }
        g_free(bprm->page[i]);
     }
     stack_base += TARGET_PAGE_SIZE;
  }

  return 0;
}

#endif /* !_TARGET_OS_STACK_H_ */
```

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```
TARGET_ARCH=x86_64
TARGET_BASE_ARCH=i386
TARGET_XML_FILES= gdb-xml/i386-64bit.xml
/*
*  x86_64 cpu init and loop
*
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*/

#ifndef _TARGET_ARCH_CPU_H_
#define _TARGET_ARCH_CPU_H_
```

```
#include "target_arch.h"

#define TARGET_DEFAULT_CPU_MODEL "qemu64"

static inline void target_cpu_init(CPUX86State *env,
      struct target_pt_regs *regs)
{
  uint64_t *gdt_table;

  env->cr[0] = CR0_PG_MASK | CR0_WP_MASK | CR0_PE_MASK;
   env->hflags |= HF_PE_MASK | HF_CPL_MASK;
  if (env->features[FEAT_1_EDX] & CPUID_SSE) {
     env->cr[4] |= CR4_OSFXSR_MASK;
     env->hflags |= HF_OSFXSR_MASK;
  }

  /* enable 64 bit mode if possible */
  if (!(env->features[FEAT_8000_0001_EDX] & CPUID_EXT2_LM)) {
     fprintf(stderr, "The selected x86 CPU does not support 64 bit mode\n");
     exit(1);
  }
  env->cr[4] |= CR4_PAE_MASK;
  env->efer |= MSR_EFER_LMA | MSR_EFER_LME;
  env->hflags |= HF_LMA_MASK;

  /* flags setup : we activate the IRQs by default as in user mode */
  env->eflags |= IF_MASK;

  /* register setup */
  env->regs[R_EAX] = regs->rax;
  env->regs[R_EBX] = regs->rbx;
  env->regs[R_ECX] = regs->rcx;
  env->regs[R_EDX] = regs->rdx;
  env->regs[R_ESI] = regs->rsi;
  env->regs[R_EDI] = regs->rdi;
  env->regs[R_EBP] = regs->rbp;
  env->regs[R_ESP] = regs->rsp;
  env->eip = regs->rip;

  /* interrupt setup */
  env->idt.limit = 511;

  env->idt.base = target_mmap(0,
 sizeof(uint64_t) * (env->idt.limit + 1),
     PROT_READ | PROT_WRITE, MAP_ANONYMOUS | MAP_PRIVATE, -1, 0);
  bsd_x86_64_set_idt_base(env->idt.base);
  bsd_x86_64_set_idt(0, 0);
  bsd_x86_64_set_idt(1, 0);
```

```
  bsd_x86_64_set_idt(2, 0);
  bsd_x86_64_set_idt(3, 3);
  bsd_x86_64_set_idt(4, 3);
  bsd_x86_64_set_idt(5, 0);
  bsd_x86_64_set_idt(6, 0);
  bsd_x86_64_set_idt(7, 0);
  bsd_x86_64_set_idt(8, 0);
  bsd_x86_64_set_idt(9, 0);
  bsd_x86_64_set_idt(10, 0);
  bsd_x86_64_set_idt(11, 0);
  bsd_x86_64_set_idt(12, 0);
  bsd_x86_64_set_idt(13, 0);
  bsd_x86_64_set_idt(14, 0);
  bsd_x86_64_set_idt(15, 0);
  bsd_x86_64_set_idt(16, 0);
  bsd_x86_64_set_idt(17, 0);
  bsd_x86_64_set_idt(18, 0);
  bsd_x86_64_set_idt(19, 0);
  bsd_x86_64_set_idt(0x80, 3);

  /* segment setup */
  env->gdt.base = target_mmap(0, sizeof(uint64_t) * TARGET_GDT_ENTRIES,
        PROT_READ | PROT_WRITE, MAP_ANONYMOUS | MAP_PRIVATE, -1, 0);
  env->gdt.limit =
 sizeof(uint64_t) * TARGET_GDT_ENTRIES - 1;
  gdt_table = g2h_untagged(env->gdt.base);

  /* 64 bit code segment */
  bsd_x86_64_write_dt(&gdt_table[__USER_CS >> 3], 0, 0xfffff,
        DESC_G_MASK | DESC_B_MASK | DESC_P_MASK | DESC_S_MASK | DESC_L_MASK
        | (3 << DESC_DPL_SHIFT) | (0xa << DESC_TYPE_SHIFT));

  bsd_x86_64_write_dt(&gdt_table[__USER_DS >> 3], 0, 0xfffff,
        DESC_G_MASK | DESC_B_MASK | DESC_P_MASK | DESC_S_MASK |
        (3 << DESC_DPL_SHIFT) | (0x2 << DESC_TYPE_SHIFT));

  cpu_x86_load_seg(env, R_CS, __USER_CS);
  cpu_x86_load_seg(env, R_SS, __USER_DS);
  cpu_x86_load_seg(env, R_DS, 0);
  cpu_x86_load_seg(env, R_ES, 0);
  cpu_x86_load_seg(env, R_FS, 0);
  cpu_x86_load_seg(env, R_GS, 0);
}

static inline void target_cpu_loop(CPUX86State *env)
{
  CPUState *cs = env_cpu(env);
  int trapnr;
```

```
abi_ulong pc;
/* target_siginfo_t info; */

for (;;) {
    cpu_exec_start(cs);
    trapnr = cpu_exec(cs);
    cpu_exec_end(cs);
     process_queued_cpu_work(cs);

    switch (trapnr) {
    case 0x80:
        /* syscall from int $0x80 */
        if (bsd_type == target_freebsd) {
            abi_ulong params = (abi_ulong) env->regs[R_ESP] +
                sizeof(int32_t);
            int32_t syscall_nr = env->regs[R_EAX];
            int32_t arg1, arg2, arg3, arg4, arg5, arg6, arg7, arg8;

            if (syscall_nr == TARGET_FREEBSD_NR_syscall) {
                get_user_s32(syscall_nr, params);
                params += sizeof(int32_t);
            } else if (syscall_nr == TARGET_FREEBSD_NR___syscall) {
                get_user_s32(syscall_nr, params);
                params += sizeof(int64_t);
            }
            get_user_s32(arg1, params);
            params += sizeof(int32_t);
            get_user_s32(arg2, params);
            params += sizeof(int32_t);
            get_user_s32(arg3, params);

    params += sizeof(int32_t);
            get_user_s32(arg4, params);
            params += sizeof(int32_t);
            get_user_s32(arg5, params);
            params += sizeof(int32_t);
            get_user_s32(arg6, params);
            params += sizeof(int32_t);
            get_user_s32(arg7, params);
            params += sizeof(int32_t);
            get_user_s32(arg8, params);
            env->regs[R_EAX] = do_freebsd_syscall(env,
                                        syscall_nr,
                                        arg1,
                                        arg2,
                                        arg3,
                                        arg4,
                                        arg5,
```

```
                                    arg6,
                                    arg7,

                arg8);
        } else { /* if (bsd_type == target_openbsd) */
            env->regs[R_EAX] = do_openbsd_syscall(env,
                                    env->regs[R_EAX],
                                    env->regs[R_EBX],
                                    env->regs[R_ECX],
                                    env->regs[R_EDX],
                                    env->regs[R_ESI],
                                    env->regs[R_EDI],
                                    env->regs[R_EBP]);
        }
        if (((abi_ulong)env->regs[R_EAX]) >= (abi_ulong)(-515)) {
            env->regs[R_EAX] = -env->regs[R_EAX];
            env->eflags |= CC_C;
        } else {
            env->eflags &= ~CC_C;
        }
        break;

    case EXCP_SYSCALL:
        /* syscall from syscall instruction */
         if (bsd_type == target_freebsd) {
            env->regs[R_EAX] = do_freebsd_syscall(env,
                                    env->regs[R_EAX],
                                    env->regs[R_EDI],
                                    env->regs[R_ESI],
                                    env->regs[R_EDX],
                                    env->regs[R_ECX],
                                    env->regs[8],
                                    env->regs[9], 0, 0);
        } else { /* if (bsd_type == target_openbsd) */
            env->regs[R_EAX] = do_openbsd_syscall(env,
                                    env->regs[R_EAX],
                                    env->regs[R_EDI],
                                    env->regs[R_ESI],
                                    env->regs[R_EDX],
                                     env->regs[10],
                                    env->regs[8],
                                    env->regs[9]);
        }
        env->eip = env->exception_next_eip;
        if (((abi_ulong)env->regs[R_EAX]) >= (abi_ulong)(-515)) {
            env->regs[R_EAX] = -env->regs[R_EAX];
            env->eflags |= CC_C;
        } else {
```

```
            env->eflags &= ~CC_C;
        }
        break;

    case EXCP_INTERRUPT:
        /* just indicate that signals should be handled asap */
        break;

    case EXCP_ATOMIC:
        cpu_exec_step_atomic(cs);
        break;

    default:
        pc = env->segs[R_CS].base + env->eip;
        fprintf(stderr, "qemu: 0x%08lx: unhandled CPU exception 0x%x - "
                "aborting\n", (long)pc, trapnr);
        abort();
    }
    process_pending_signals(env);
  }
}

static inline void target_cpu_clone_regs(CPUX86State *env, target_ulong newsp)
{
  if (newsp) {
    env->regs[R_ESP] = newsp;
  }
  env->regs[R_EAX] = 0;
}

static inline void target_cpu_reset(CPUArchState *cpu)
{
  cpu_reset(env_cpu(cpu));
}

#endif /* ! _TARGET_ARCH_CPU_H_ */
/*
*  i386 system call definitions
*
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*/
#ifndef TARGET_SYSCALL_H
#define TARGET_SYSCALL_H

/* default linux values for the selectors */
#define __USER_CS (0x23)
#define __USER_DS (0x2B)

struct target_pt_regs {
 long ebx;
 long ecx;
 long edx;
 long esi;
 long edi;
 long ebp;
 long eax;
 int  xds;
 int  xes;
 long orig_eax;
 long eip;
 int
  xcs;
 long eflags;
 long esp;
 int  xss;
};

/* ioctls */

#define TARGET_LDT_ENTRIES      8192
#define TARGET_LDT_ENTRY_SIZE 8

#define TARGET_GDT_ENTRIES             9
#define TARGET_GDT_ENTRY_TLS_ENTRIES   3
#define TARGET_GDT_ENTRY_TLS_MIN       6
#define TARGET_GDT_ENTRY_TLS_MAX       (TARGET_GDT_ENTRY_TLS_MIN +
TARGET_GDT_ENTRY_TLS_ENTRIES - 1)

struct target_modify_ldt_ldt_s {
  unsigned int  entry_number;
  abi_ulong base_addr;
  unsigned int limit;
  unsigned int flags;
};
```

```
/* vm86 defines */

#define TARGET_BIOSSEG  0x0f000

#define TARGET_CPU_086  0
#define TARGET_CPU_186  1
#define TARGET_CPU_286  2
#define TARGET_CPU_386  3
#define TARGET_CPU_486  4
#define TARGET_CPU_586  5

#define TARGET_VM86_SIGNAL 0 /* return due to signal */
#define TARGET_VM86_UNKNOWN 1 /* unhandled GP fault - IO-instruction or similar */
#define TARGET_VM86_INTx 2 /* int3/int x instruction (ARG = x) */
#define TARGET_VM86_STI 3 /* sti/popf/iret instruction enabled virtual interrupts */

/*
 * Additional return values when invoking new vm86()
*/
#define TARGET_VM86_PICRETURN 4 /* return due to pending PIC request */
#define TARGET_VM86_TRAP 6 /* return due to DOS-debugger request */

/*
* function codes when invoking new vm86()
*/
#define TARGET_VM86_PLUS_INSTALL_CHECK 0
#define TARGET_VM86_ENTER  1
#define TARGET_VM86_ENTER_NO_BYPASS 2
#define TARGET_VM86_REQUEST_IRQ 3
#define TARGET_VM86_FREE_IRQ  4
#define TARGET_VM86_GET_IRQ_BITS 5
#define TARGET_VM86_GET_AND_RESET_IRQ 6

/*
* This is the stack-layout seen by the user space program when we have
* done a translation of "SAVE_ALL" from vm86 mode. The real kernel layout
* is 'kernel_vm86_regs' (see below).
*/

struct target_vm86_regs {
/*
* normal regs, with special meaning for the segment descriptors..
*/
 abi_long ebx;
 abi_long ecx;
 abi_long edx;
 abi_long esi;
```

```
 abi_long edi;
 abi_long ebp;
 abi_long eax;
 abi_long __null_ds;
 abi_long __null_es;
 abi_long __null_fs;
 abi_long __null_gs;
 abi_long orig_eax;
 abi_long
 eip;
 unsigned short cs, __csh;
 abi_long eflags;
 abi_long esp;
 unsigned short ss, __ssh;
/*
* these are specific to v86 mode:
*/
 unsigned short es, __esh;
 unsigned short ds, __dsh;
 unsigned short fs, __fsh;
 unsigned short gs, __gsh;
};

struct target_revectored_struct {
 abi_ulong __map[8];   /* 256 bits */
};

struct target_vm86_struct {
 struct target_vm86_regs regs;
 abi_ulong flags;
 abi_ulong screen_bitmap;
 abi_ulong cpu_type;
 struct target_revectored_struct int_revectored;
 struct target_revectored_struct int21_revectored;
};

/*
* flags masks
*/
#define TARGET_VM86_SCREEN_BITMAP 0x0001

struct target_vm86plus_info_struct {
      abi_ulong flags;
#define TARGET_force_return_for_pic (1 << 0)
#define TARGET_vm86dbg_active       (1 << 1)  /* for debugger */
#define TARGET_vm86dbg_TFpendig     (1 << 2)  /* for debugger */
#define TARGET_is_vm86pus           (1 << 31) /* for vm86 internal use */
 unsigned char vm86dbg_intxxtab[32];   /* for debugger */
```

```
};

struct
 target_vm86plus_struct {
 struct target_vm86_regs regs;
 abi_ulong flags;
 abi_ulong screen_bitmap;
 abi_ulong cpu_type;
 struct target_revectored_struct int_revectored;
 struct target_revectored_struct int21_revectored;
 struct target_vm86plus_info_struct vm86plus;
};

/* FreeBSD sysarch(2) */
#define TARGET_FREEBSD_I386_GET_LDT 0
#define TARGET_FREEBSD_I386_SET_LDT 1
   /* I386_IOPL */
#define TARGET_FREEBSD_I386_GET_IOPERM 3
#define TARGET_FREEBSD_I386_SET_IOPERM 4
   /* xxxxx */
#define TARGET_FREEBSD_I386_VM86 6
#define TARGET_FREEBSD_I386_GET_FSBASE 7
#define TARGET_FREEBSD_I386_SET_FSBASE 8
#define TARGET_FREEBSD_I386_GET_GSBASE 9
#define TARGET_FREEBSD_I386_SET_GSBASE 10


#define UNAME_MACHINE "i386"
#define TARGET_HW_MACHINE UNAME_MACHINE
#define TARGET_HW_MACHINE_ARCH UNAME_MACHINE

#endif /* TARGET_SYSCALL_H */
```

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```
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*
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*/

#ifndef _TARGET_OS_STACK_H_
#define _TARGET_OS_STACK_H_

#include "target_arch_sigtramp.h"

static inline int setup_initial_stack(struct bsd_binprm *bprm, abi_ulong *p,
```

```
  abi_ulong *stringp)
{
  int i;
  abi_ulong stack_base;

  stack_base
 = (target_stkbas + target_stksiz) -
              MAX_ARG_PAGES * TARGET_PAGE_SIZE;
  if (p) {
     *p = stack_base;
  }
  if (stringp) {
     *stringp = stack_base;
  }

  for (i = 0; i < MAX_ARG_PAGES; i++) {
     if (bprm->page[i]) {
        info->rss++;
        if (!memcpy_to_target(stack_base, bprm->page[i],
                 TARGET_PAGE_SIZE)) {
           errno = EFAULT;
           return -1;
        }
        g_free(bprm->page[i]);
     }
     stack_base += TARGET_PAGE_SIZE;
  }

  return 0;
}

#endif /* !_TARGET_OS_STACK_H_ */
```

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-- Wolfgang Denk
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/*
* Intel x86 specific prototypes for bsd-user
*
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*/

#ifndef _TARGET_ARCH_H_
#define _TARGET_ARCH_H_

/* target_arch_cpu.c */

```
void bsd_i386_write_dt(void *ptr, unsigned long addr, unsigned long limit,
        int flags);
void bsd_i386_set_idt(int n, unsigned int dpl);
void bsd_i386_set_idt_base(uint64_t
 base);

#define target_cpu_set_tls(env, newtls)

#endif /* ! _TARGET_ARCH_H_ */
```

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#ifndef _TARGET_OS_SIGNAL_H_
#define _TARGET_OS_SIGNAL_H_

/* FreeBSD's sys/ucontext.h defines this */
#define TARGET_MC_GET_CLEAR_RET 0x0001

#include "target_os_siginfo.h"
#include "target_arch_signal.h"

/* Compare to sys/signal.h */
#define TARGET_SIGHUP 1   /* hangup */
#define TARGET_SIGINT 2   /* interrupt */
#define TARGET_SIGQUIT 3   /* quit */
#define TARGET_SIGILL 4   /* illegal instruction (not reset when caught) */
#define TARGET_SIGTRAP 5   /* trace trap (not reset when caught) */
#define TARGET_SIGABRT 6   /* abort() */
#define TARGET_SIGIOT SIGABRT /* compatibility */
#define TARGET_SIGEMT 7   /* EMT instruction */
#define TARGET_SIGFPE 8   /* floating point exception */
#define TARGET_SIGKILL 9   /* kill (cannot be caught or ignored) */
#define TARGET_SIGBUS 10   /* bus error */
#define TARGET_SIGSEGV 11   /* segmentation violation */
#define TARGET_SIGSYS 12   /* bad argument to system call */
#define TARGET_SIGPIPE

```
 13     /* write on a pipe with no one to read it */
#define TARGET_SIGALRM 14      /* alarm clock */
#define TARGET_SIGTERM 15      /* software termination signal from kill */
#define TARGET_SIGURG  16      /* urgent condition on IO channel */
#define TARGET_SIGSTOP 17      /* sendable stop signal not from tty */
#define TARGET_SIGTSTP 18      /* stop signal from tty */
#define TARGET_SIGCONT 19      /* continue a stopped process */
#define TARGET_SIGCHLD 20      /* to parent on child stop or exit */
#define TARGET_SIGTTIN 21      /* to readers pgrp upon background tty read */
#define TARGET_SIGTTOU 22      /* like TTIN for output if(tp->t_local&LTOSTOP)*/
#define TARGET_SIGIO   23      /* input/output possible signal */
#define TARGET_SIGXCPU 24      /* exceeded CPU time limit */
#define TARGET_SIGXFSZ 25      /* exceeded file size limit */
#define TARGET_SIGVTALRM 26    /* virtual time alarm */
#define TARGET_SIGPROF 27      /* profiling time alarm */
#define TARGET_SIGWINCH 28
 /* window size changes */
#define TARGET_SIGINFO  29     /* information request */
#define TARGET_SIGUSR1 30      /* user defined signal 1 */
#define TARGET_SIGUSR2 31      /* user defined signal 2 */
#define TARGET_SIGTHR 32       /* reserved by thread library */
#define TARGET_SIGLWP SIGTHR   /* compatibility */
#define TARGET_SIGLIBRT 33     /* reserved by the real-time library */
#define TARGET_SIGRTMIN 65
#define TARGET_SIGRTMAX 126

/*
* Language spec says we must list exactly one parameter, even though we
* actually supply three.  Ugh!
*/
#define TARGET_SIG_DFL      ((abi_long)0)   /* default signal handling */
#define TARGET_SIG_IGN      ((abi_long)1)   /* ignore signal */
#define TARGET_SIG_ERR      ((abi_long)-1)  /* error return from signal */

#define TARGET_SA_ONSTACK   0x0001  /* take signal on signal stack */
#define TARGET_SA_RESTART   0x0002  /* restart system on signal return */
#define TARGET_SA_RESETHAND 0x0004  /* reset to SIG_DFL when taking signal */
#define TARGET_SA_NODEFER
  0x0010  /* don't mask the signal we're delivering */
#define TARGET_SA_NOCLDWAIT 0x0020  /* don't create zombies (assign to pid 1) */
#define TARGET_SA_USERTRAMP 0x0100  /* do not bounce off kernel's sigtramp */
#define TARGET_SA_NOCLDSTOP 0x0008  /* do not generate SIGCHLD on child stop */
#define TARGET_SA_SIGINFO   0x0040  /* generate siginfo_t */

/*
* Flags for sigprocmask:
*/
#define TARGET_SIG_BLOCK        1   /* block specified signal set */
```

```
#define TARGET_SIG_UNBLOCK      2   /* unblock specified signal set */
#define TARGET_SIG_SETMASK      3   /* set specified signal set */

#define TARGET_BADSIG           SIG_ERR

/*
* sigaltstack control
*/
#define TARGET_SS_ONSTACK 0x0001  /* take signals on alternate stack */
#define TARGET_SS_DISABLE 0x0004  /* disable taking signals on alternate stack*/

#endif /* !_TARGET_OS_SIGNAL_H_ */
```

This is the software license for Capstone disassembly framework.
Capstone has been designed & implemented by Nguyen Anh Quynh <aquynh@gmail.com>

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```
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*
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```

```
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*/

#ifndef _TARGET_ARCH_REG_H_
#define _TARGET_ARCH_REG_H_

/* See sys/amd64/include/reg.h */
typedef struct target_reg {
  uint64_t	r_r15;
  uint64_t	r_r14;
  uint64_t	r_r13;
  uint64_t	r_r12;
  uint64_t
      r_r11;
  uint64_t	r_r10;
  uint64_t	r_r9;
  uint64_t	r_r8;
  uint64_t	r_rdi;
  uint64_t	r_rsi;
  uint64_t	r_rbp;
  uint64_t	r_rbx;
  uint64_t	r_rdx;
  uint64_t	r_rcx;
  uint64_t	r_rax;
  uint32_t	r_trapno;
  uint16_t	r_fs;
  uint16_t	r_gs;
  uint32_t	r_err;
  uint16_t	r_es;
  uint16_t	r_ds;
  uint64_t	r_rip;
  uint64_t	r_cs;
  uint64_t	r_rflags;
  uint64_t	r_rsp;
  uint64_t	r_ss;
```

```
} target_reg_t;

typedef struct target_fpreg {
  uint64_t       fpr_env[4];
  uint8_t        fpr_acc[8][16];
  uint8_t        fpr_xacc[16][16];
  uint64_t       fpr_spare[12];
} target_fpreg_t;

static inline void target_copy_regs(target_reg_t *regs, const CPUX86State *env)
{

  regs->r_r15 = env->regs[15];
  regs->r_r14 = env->regs[14];
  regs->r_r13 = env->regs[13];
  regs->r_r12 = env->regs[12];
   regs->r_r11 = env->regs[11];
  regs->r_r10 = env->regs[10];
  regs->r_r9 = env->regs[9];
  regs->r_r8 = env->regs[8];
  regs->r_rdi = env->regs[R_EDI];
  regs->r_rsi = env->regs[R_ESI];
  regs->r_rbp = env->regs[R_EBP];
  regs->r_rbx = env->regs[R_EBX];
  regs->r_rdx = env->regs[R_EDX];
  regs->r_rcx = env->regs[R_ECX];
  regs->r_rax = env->regs[R_EAX];
  /* regs->r_trapno = env->regs[R_TRAPNO]; XXX */
  regs->r_fs = env->segs[R_FS].selector & 0xffff;
  regs->r_gs = env->segs[R_GS].selector & 0xffff;
  regs->r_err = env->error_code;  /* XXX ? */
  regs->r_es = env->segs[R_ES].selector & 0xffff;
  regs->r_ds = env->segs[R_DS].selector & 0xffff;
  regs->r_rip = env->eip;
  regs->r_cs = env->segs[R_CS].selector & 0xffff;
  regs->r_rflags = env->eflags;
  regs->r_rsp = env->regs[R_ESP];
  regs->r_ss = env->segs[R_SS].selector & 0xffff;
}

#endif /* !_TARGET_ARCH_REG_H_ */
#ifndef _TARGET_OS_SIGNAL_H_
#define _TARGET_OS_SIGNAL_H_

#include "target_os_siginfo.h"
#include "target_arch_signal.h"

#define TARGET_SIGHUP  1       /* hangup */
```

```
#define TARGET_SIGINT  2       /* interrupt */
#define TARGET_SIGQUIT 3       /* quit */
#define TARGET_SIGILL  4       /* illegal instruction (not reset when caught) */
#define TARGET_SIGTRAP 5       /* trace trap (not reset when caught) */
#define TARGET_SIGABRT 6       /* abort() */
#define TARGET_SIGIOT  SIGABRT /* compatibility */
#define TARGET_SIGEMT  7       /* EMT instruction */
#define TARGET_SIGFPE  8       /* floating point exception */
#define TARGET_SIGKILL 9       /* kill (cannot be caught or ignored) */
#define TARGET_SIGBUS  10      /* bus error */
#define TARGET_SIGSEGV 11      /* segmentation violation */
#define TARGET_SIGSYS  12      /* bad argument to system call */
#define TARGET_SIGPIPE 13      /* write on a pipe with no one to read it */
#define TARGET_SIGALRM 14      /* alarm clock */
#define TARGET_SIGTERM
 15      /* software termination signal from kill */
#define TARGET_SIGURG  16      /* urgent condition on IO channel */
#define TARGET_SIGSTOP 17      /* sendable stop signal not from tty */
#define TARGET_SIGTSTP 18      /* stop signal from tty */
#define TARGET_SIGCONT 19      /* continue a stopped process */
#define TARGET_SIGCHLD 20      /* to parent on child stop or exit */
#define TARGET_SIGTTIN 21      /* to readers pgrp upon background tty read */
#define TARGET_SIGTTOU 22      /* like TTIN for out if (tp->t_local&LTOSTOP) */
#define TARGET_SIGIO   23      /* input/output possible signal */
#define TARGET_SIGXCPU 24      /* exceeded CPU time limit */
#define TARGET_SIGXFSZ 25      /* exceeded file size limit */
#define TARGET_SIGVTALRM 26    /* virtual time alarm */
#define TARGET_SIGPROF   27    /* profiling time alarm */
#define TARGET_SIGWINCH  28    /* window size changes */
#define TARGET_SIGINFO   29    /* information request */
#define TARGET_SIGUSR1   30    /*
 user defined signal 1 */
#define TARGET_SIGUSR2   31    /* user defined signal 2 */

/*
* Language spec says we must list exactly one parameter, even though we
* actually supply three.  Ugh!
*/
#define TARGET_SIG_DFL         ((void (*)(int))0)
#define TARGET_SIG_IGN         ((void (*)(int))1)
#define TARGET_SIG_ERR         ((void (*)(int))-1)

#define TARGET_SA_ONSTACK   0x0001  /* take signal on signal stack */
#define TARGET_SA_RESTART   0x0002  /* restart system on signal return */
#define TARGET_SA_RESETHAND 0x0004  /* reset to SIG_DFL when taking signal */
#define TARGET_SA_NODEFER   0x0010  /* don't mask the signal we're delivering */
#define TARGET_SA_NOCLDWAIT 0x0020  /* don't create zombies (assign to pid 1) */
#define TARGET_SA_USERTRAMP 0x0100  /* do not bounce off kernel's sigtramp */
```

```
#define TARGET_SA_NOCLDSTOP 0x0008  /* do not generate SIGCHLD on child stop */
#define TARGET_SA_SIGINFO   0x0040  /* generate siginfo_t */

/*
* Flags for sigprocmask:
*/
#define TARGET_SIG_BLOCK
      1      /* block specified signal set */
#define TARGET_SIG_UNBLOCK     2       /* unblock specified signal set */
#define TARGET_SIG_SETMASK     3       /* set specified signal set */

#define TARGET_BADSIG       SIG_ERR

#define TARGET_SS_ONSTACK 0x0001 /* take signals on alternate stack */
#define TARGET_SS_DISABLE 0x0004 /* disable taking signals on alternate stack */

#endif /* !_TARGET_OS_SIGNAL_H_ */
```

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Version 3, 29 June 2007

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```
/*
*  x86_64 signal definitions
*
```

```
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*/
#ifndef _TARGET_ARCH_SIGNAL_H_
#define _TARGET_ARCH_SIGNAL_H_

#include "cpu.h"

/* Size of the signal trampolin code placed on the stack. */
#define TARGET_SZSIGCODE    0

/* compare to  x86/include/_limits.h */
#define TARGET_MINSIGSTKSZ  (512 * 4)             /* min sig stack size */
#define TARGET_SIGSTKSZ
    (MINSIGSTKSZ + 32768)   /* recommended size */

struct target_sigcontext {
  /* to be added */
};

typedef struct target_mcontext {
} target_mcontext_t;

typedef struct target_ucontext {
  target_sigset_t   uc_sigmask;
  target_mcontext_t uc_mcontext;
  abi_ulong         uc_link;
  target_stack_t    uc_stack;
  int32_t           uc_flags;
  int32_t         __spare__[4];
} target_ucontext_t;

struct target_sigframe {
  abi_ulong   sf_signum;
  abi_ulong   sf_siginfo;    /* code or pointer to sf_si */
  abi_ulong   sf_ucontext;   /* points to sf_uc */
  abi_ulong   sf_addr;       /* undocumented 4th arg */
```

```
  target_ucontext_t   sf_uc; /* = *sf_uncontext */
  target_siginfo_t    sf_si; /* = *sf_siginfo (SA_SIGINFO case)*/
  uint32_t    __spare__[2];
};

/*
* Compare to amd64/amd64/machdep.c sendsig()
* Assumes that target stack frame memory is locked.
*/
static inline abi_long set_sigtramp_args(CPUX86State *regs,
      int sig, struct target_sigframe
 *frame, abi_ulong frame_addr,
      struct target_sigaction *ka)
{
  /* XXX return -TARGET_EOPNOTSUPP; */
  return 0;
}

/* Compare to amd64/amd64/machdep.c get_mcontext() */
static inline abi_long get_mcontext(CPUX86State *regs,
            target_mcontext_t *mcp, int flags)
{
  /* XXX */
  return -TARGET_EOPNOTSUPP;
}

/* Compare to amd64/amd64/machdep.c set_mcontext() */
static inline abi_long set_mcontext(CPUX86State *regs,
      target_mcontext_t *mcp, int srflag)
{
  /* XXX */
  return -TARGET_EOPNOTSUPP;
}

static inline abi_long get_ucontext_sigreturn(CPUX86State *regs,
      abi_ulong target_sf, abi_ulong *target_uc)
{
  /* XXX */
  *target_uc = 0;
  return -TARGET_EOPNOTSUPP;
}

#endif /* !TARGET_ARCH_SIGNAL_H_ */
/*
*  mips64 system call definitions
*
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*/
#ifndef _MIPS64_SYSCALL_H_
#define _MIPS64_SYSCALL_H_

/*
* struct target_pt_regs defines the way the registers are stored on the stack
* during a system call.
*/

struct target_pt_regs {
  /* Saved main processor registers. */
  abi_ulong regs[32];

  /* Saved special registers. */
  abi_ulong
 cp0_status;
  abi_ulong lo;
  abi_ulong hi;
  abi_ulong cp0_badvaddr;
  abi_ulong cp0_cause;
  abi_ulong cp0_epc;
};


#if defined(TARGET_WORDS_BIGENDIAN)
#define UNAME_MACHINE "mips64"
#else
#define UNAME_MACHINE "mips64el"
#endif

#define TARGET_HW_MACHINE       "mips"
#define TARGET_HW_MACHINE_ARCH  UNAME_MACHINE

/* sysarch() commands */
#define TARGET_MIPS_SET_TLS     1
#define TARGET_MIPS_GET_TLS     2
```

#endif /* !_MIPS64_SYSCALL_H_ */
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```
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*  i386 dependent signal definitions
*
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*/
#ifndef TARGET_ARCH_SIGNAL_H
#define TARGET_ARCH_SIGNAL_H

#include "cpu.h"

/* Size of the signal trampolin code placed on the stack. */
#define TARGET_SZSIGCODE    0

/* compare to  x86/include/_limits.h */
#define TARGET_MINSIGSTKSZ  (512 * 4)           /* min sig stack size */
```

```
#define TARGET_SIGSTKSZ
    (MINSIGSTKSZ + 32768)   /* recommended size */

struct target_sigcontext {
  /* to be added */
};

typedef struct target_mcontext {
} target_mcontext_t;

typedef struct target_ucontext {
  target_sigset_t   uc_sigmask;
  target_mcontext_t uc_mcontext;
  abi_ulong         uc_link;
  target_stack_t    uc_stack;
  int32_t           uc_flags;
  int32_t         __spare__[4];
} target_ucontext_t;

struct target_sigframe {
  abi_ulong   sf_signum;
  abi_ulong   sf_siginfo;    /* code or pointer to sf_si */
  abi_ulong   sf_ucontext;   /* points to sf_uc */
  abi_ulong   sf_addr;       /* undocumented 4th arg */
  target_ucontext_t   sf_uc; /* = *sf_uncontext */
  target_siginfo_t    sf_si; /* = *sf_siginfo (SA_SIGINFO case)*/
  uint32_t    __spare__[2];
};

/*
* Compare to i386/i386/machdep.c sendsig()
* Assumes that target stack frame memory is locked.
*/
static inline abi_long set_sigtramp_args(CPUX86State *regs,
       int sig, struct target_sigframe
 *frame, abi_ulong frame_addr,
       struct target_sigaction *ka)
{
  /* XXX return -TARGET_EOPNOTSUPP; */
  return 0;
}

/* Compare to i386/i386/machdep.c get_mcontext() */
static inline abi_long get_mcontext(CPUX86State *regs,
       target_mcontext_t *mcp, int flags)
{
  /* XXX */
  return -TARGET_EOPNOTSUPP;
```

```
}

/* Compare to i386/i386/machdep.c set_mcontext() */
static inline abi_long set_mcontext(CPUX86State *regs,
      target_mcontext_t *mcp, int srflag)
{
  /* XXX */
  return -TARGET_EOPNOTSUPP;
}

static inline abi_long get_ucontext_sigreturn(CPUX86State *regs,
                    abi_ulong target_sf, abi_ulong *target_uc)
{
  /* XXX */
  *target_uc = 0;
  return -TARGET_EOPNOTSUPP;
}

#endif /* TARGET_ARCH_SIGNAL_H */
/*
*  i386 VM parameters definitions
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*/
#ifndef _TARGET_ARCH_VMPARAM_H_
#define _TARGET_ARCH_VMPARAM_H_

#include "cpu.h"

/* compare to i386/include/vmparam.h */
#define TARGET_MAXTSIZ  (128 * MiB)           /* max text size */
#define TARGET_DFLDSIZ  (128 * MiB)           /* initial data size limit
 */
#define TARGET_MAXDSIZ  (512 * MiB)           /* max data size */
#define TARGET_DFLSSIZ  (8 * MiB)             /* initial stack size limit */
```

```
#define TARGET_MAXSSIZ  (64 * MiB)             /* max stack size */
#define TARGET_SGROWSIZ (128 * KiB)            /* amount to grow stack */

#define TARGET_RESERVED_VA 0xf7000000

#define TARGET_USRSTACK (0xbfc00000)

static inline abi_ulong get_sp_from_cpustate(CPUX86State *state)
{
  return state->regs[R_ESP];
}

static inline void set_second_rval(CPUX86State *state, abi_ulong retval2)
{
  state->regs[R_EDX] = retval2;
}

#endif /* !_TARGET_ARCH_VMPARAM_H_ */
```

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* Andreas Schwab <schwab@suse.de>

* Anup Patel <anup.patel@wdc.com>

* Atish Patra <atish.patra@wdc.com>

* Bin Meng <bmeng.cn@gmail.com>

* Damien Le Moal <damien.lemoal@wdc.com>

* Karsten Merker <merker@debian.org>

* Nick Kossifidis <mickflemm@gmail.com>

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*/

#ifndef _TARGET_ARCH_H_
#define _TARGET_ARCH_H_

/* target_arch_cpu.c */
void bsd_x86_64_write_dt(void *ptr, unsigned long addr, unsigned long limit,
            int flags);
void bsd_x86_64_set_idt(int n, unsigned int dpl);
void bsd_x86_64_set_idt_base(uint64_t
 base);

#define target_cpu_set_tls(env, newtls)

#endif /* !_TARGET_ARCH_H_ */
```

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#ifndef BSD_USER_ARCH_SYSCALL_H_
#define BSD_USER_ARCH_SYSCALL_H_

struct target_pt_regs {
  abi_long uregs[17];
};

#define ARM_cpsr   uregs[16]
#define ARM_pc   uregs[15]
#define ARM_lr   uregs[14]
#define ARM_sp   uregs[13]
#define ARM_ip   uregs[12]
#define ARM_fp   uregs[11]
#define ARM_r10   uregs[10]
#define ARM_r9   uregs[9]
#define ARM_r8   uregs[8]
#define ARM_r7   uregs[7]
#define ARM_r6   uregs[6]
#define ARM_r5   uregs[5]
#define ARM_r4   uregs[4]
#define ARM_r3   uregs[3]
#define ARM_r2   uregs[2]

```
#define ARM_r1      uregs[1]
#define ARM_r0      uregs[0]

#define ARM_SYSCALL_BASE    0 /* XXX: FreeBSD only */

#define TARGET_FREEBSD_ARM_SYNC_ICACHE      0
#define TARGET_FREEBSD_ARM_DRAIN_WRITEBUF   1
#define TARGET_FREEBSD_ARM_SET_TP       2
#define TARGET_FREEBSD_ARM_GET_TP       3

#define TARGET_HW_MACHINE       "arm"
#define TARGET_HW_MACHINE_ARCH  "armv6"

#endif /* !BSD_USER_ARCH_SYSCALL_H_ */
```

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#ifndef _HOST_OS_H_
#define _HOST_OS_H_

#define HOST_DEFAULT_BSD_TYPE target_freebsd

#endif /*!_HOST_OS_H_ */
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* openbsd ELF definitions
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*/
#ifndef _TARGET_OS_ELF_H_
#define _TARGET_OS_ELF_H_

#include "target_arch_elf.h"
#include "elf.h"

/* this flag is uneffective under linux too, should be deleted */
#ifndef MAP_DENYWRITE
#define MAP_DENYWRITE 0
#endif

/* should probably go in elf.h */
#ifndef ELIBBAD
#define
 ELIBBAD 80
#endif

#ifndef ELF_PLATFORM
#define ELF_PLATFORM (NULL)
#endif

#ifndef ELF_HWCAP
#define ELF_HWCAP 0
#endif

#ifdef TARGET_ABI32
#undef ELF_CLASS
#define ELF_CLASS ELFCLASS32
#undef bswaptls
#define bswaptls(ptr) bswap32s(ptr)
#endif

/* max code+data+bss space allocated to elf interpreter */
#define INTERP_MAP_SIZE (32 * 1024 * 1024)

/* max code+data+bss+brk space allocated to ET_DYN executables */
#define ET_DYN_MAP_SIZE (128 * 1024 * 1024)

/* Necessary parameters */
#define TARGET_ELF_EXEC_PAGESIZE TARGET_PAGE_SIZE
#define TARGET_ELF_PAGESTART(_v) ((_v) & \
```

```
    ~(unsigned long)(TARGET_ELF_EXEC_PAGESIZE - 1))
#define TARGET_ELF_PAGEOFFSET(_v) ((_v) & (TARGET_ELF_EXEC_PAGESIZE - 1))

#define DLINFO_ITEMS 12

static abi_ulong target_create_elf_tables(abi_ulong p, int argc, int envc,
                                abi_ulong stringp,
                                struct elfhdr *exec,
                                abi_ulong load_addr,
                                 abi_ulong load_bias,
                                abi_ulong interp_load_addr,
                                struct image_info *info)
{
    abi_ulong sp;
    int size;
    abi_ulong u_platform;
    const char *k_platform;
    const int n = sizeof(elf_addr_t);

    sp = p;
    u_platform = 0;
    k_platform = ELF_PLATFORM;
    if (k_platform) {
       size_t len = strlen(k_platform) + 1;
       sp -= (len + n - 1) & ~(n - 1);
       u_platform = sp;
       /* FIXME - check return value of memcpy_to_target() for failure */
       memcpy_to_target(sp, k_platform, len);
    }
    /*
     * Force 16 byte _final_ alignment here for generality.
     */
    sp = sp & ~(abi_ulong)15;
    size = (DLINFO_ITEMS + 1) * 2;
    if (k_platform) {
       size += 2;
    }
#ifdef DLINFO_ARCH_ITEMS
    size += DLINFO_ARCH_ITEMS *
 2;
#endif
    size += envc + argc + 2;
    size += 1;                    /* argc itself */
    size *= n;
    if (size & 15) {
       sp -= 16 - (size & 15);
    }
```

```
    /*
     * OpenBSD defines elf_addr_t as Elf32_Off / Elf64_Off
     */
#define NEW_AUX_ENT(id, val) do {               \
        sp -= n; put_user_ual(val, sp);     \
        sp -= n; put_user_ual(id, sp);      \
      } while (0)

    NEW_AUX_ENT(AT_NULL, 0);

    /* There must be exactly DLINFO_ITEMS entries here.  */
    NEW_AUX_ENT(AT_PHDR, (abi_ulong)(load_addr + exec->e_phoff));
    NEW_AUX_ENT(AT_PHENT, (abi_ulong)(sizeof(struct elf_phdr)));
    NEW_AUX_ENT(AT_PHNUM, (abi_ulong)(exec->e_phnum));
    NEW_AUX_ENT(AT_PAGESZ, (abi_ulong)(TARGET_PAGE_SIZE));
    NEW_AUX_ENT(AT_BASE, (abi_ulong)(interp_load_addr));
    NEW_AUX_ENT(AT_FLAGS, (abi_ulong)0);
    NEW_AUX_ENT(AT_ENTRY, load_bias + exec->e_entry);
    NEW_AUX_ENT(AT_UID,
 (abi_ulong)getuid());
    NEW_AUX_ENT(AT_EUID, (abi_ulong)geteuid());
    NEW_AUX_ENT(AT_GID, (abi_ulong)getgid());
    NEW_AUX_ENT(AT_EGID, (abi_ulong)getegid());
    NEW_AUX_ENT(AT_HWCAP, (abi_ulong)ELF_HWCAP);
    NEW_AUX_ENT(AT_CLKTCK, (abi_ulong)sysconf(_SC_CLK_TCK));
    if (k_platform) {
        NEW_AUX_ENT(AT_PLATFORM, u_platform);
    }
#ifdef ARCH_DLINFO
    /*
     * ARCH_DLINFO must come last so platform specific code can enforce
     * special alignment requirements on the AUXV if necessary (eg. PPC).
     */
    ARCH_DLINFO;
#endif
#undef NEW_AUX_ENT

    sp = loader_build_argptr(envc, argc, sp, stringp);
    return sp;
}

#endif /* _TARGET_OS_ELF_H_ */
/*
* Intel x86_64  sigcode for bsd-user
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*/

#ifndef _TARGET_ARCH_SIGTRAMP_H_
#define _TARGET_ARCH_SIGTRAMP_H_

static inline abi_long setup_sigtramp(abi_ulong offset, unsigned sigf_uc,
      unsigned sys_sigreturn)
{

  return 0;
}
#endif /* _TARGET_ARCH_SIGTRAMP_H_ */
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*  NetBSD thread dependent code and definitions
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#ifndef _TARGET_OS_THREAD_H_
#define _TARGET_OS_THREAD_H_

#include "target_arch_thread.h"

#endif /* !_TARGET_OS_THREAD_H_ */
```

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#ifndef _HOST_OS_H_
#define _HOST_OS_H_

#define HOST_DEFAULT_BSD_TYPE target_netbsd

#endif /*!_HOST_OS_H_ */
/*
*  i386 thread support
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*/
#ifndef _TARGET_ARCH_THREAD_H_
#define _TARGET_ARCH_THREAD_H_

/* Compare to vm_machdep.c cpu_set_upcall_kse() */
static inline void target_thread_set_upcall(CPUX86State *regs, abi_ulong entry,
```

```
  abi_ulong arg, abi_ulong stack_base, abi_ulong stack_size)
{
  /* XXX */
}

static
 inline void target_thread_init(struct target_pt_regs *regs,
      struct image_info *infop)
{
  regs->esp = infop->start_stack;
  regs->eip = infop->entry;

  /*
   * SVR4/i386 ABI (pages 3-31, 3-32) says that when the program starts %edx
   * contains a pointer to a function which might be registered using
   * `atexit'.  This provides a mean for the dynamic linker to call DT_FINI
   * functions for shared libraries that have been loaded before the code
   * runs.
   *
   * A value of 0 tells we have no such handler.
   */
  regs->edx = 0;
}

#endif /* !_TARGET_ARCH_THREAD_H_ */
/*
*  sys/user.h definitions
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*/

#ifndef _TARGET_OS_USER_H_
#define _TARGET_OS_USER_H_

/*
```

```
* from sys/priority.h
*/
struct target_priority {
  uint8_t     pri_class;      /* Scheduling class. */
  uint8_t     pri_level;      /* Normal priority level. */
  uint8_t     pri_native;
    /* Priority before propogation. */
  uint8_t     pri_user;       /* User priority based on p_cpu and p_nice. */
};

/*
* sys/caprights.h
*/
#define TARGET_CAP_RIGHTS_VERSION  0

typedef struct target_cap_rights {
  uint64_t    cr_rights[TARGET_CAP_RIGHTS_VERSION + 2];
} target_cap_rights_t;

/*
* From sys/_socketaddr_storage.h
*
*/
#define TARGET_SS_MAXSIZE     128U
#define TARGET_SS_ALIGNSIZE   (sizeof(__int64_t))
#define TARGET_SS_PAD1SIZE    (TARGET_SS_ALIGNSIZE - sizeof(unsigned char) - \
      sizeof(uint8_t))
#define TARGET_SS_PAD2SIZE    (TARGET_SS_MAXSIZE - sizeof(unsigned char) - \
      sizeof(uint8_t) - TARGET_SS_PAD1SIZE - TARGET_SS_ALIGNSIZE)

struct target_sockaddr_storage {
  unsigned char   ss_len;         /* address length */
  uint8_t         ss_family;      /* address family */
  char            __ss_pad1[TARGET_SS_PAD1SIZE];
  __int64_t       __ss_align;     /* force desired struct alignment */
  char            __ss_pad2[TARGET_SS_PAD2SIZE];
};

/*
 * from sys/user.h
*/
#define TARGET_KI_NSPARE_INT        2
#define TARGET_KI_NSPARE_LONG       12
#define TARGET_KI_NSPARE_PTR        6

#define TARGET_WMESGLEN           8
#define TARGET_LOCKNAMELEN        8
#define TARGET_TDNAMLEN           16
```

```
#define TARGET_COMMLEN            19
#define TARGET_KI_EMULNAMELEN     16
#define TARGET_KI_NGROUPS         16
#define TARGET_LOGNAMELEN         17
#define TARGET_LOGINCLASSLEN      17

#define TARGET_KF_TYPE_NONE       0
#define TARGET_KF_TYPE_VNODE      1
#define TARGET_KF_TYPE_SOCKET     2
#define TARGET_KF_TYPE_PIPE       3
#define TARGET_KF_TYPE_FIFO       4
#define TARGET_KF_TYPE_KQUEUE     5
#define TARGET_KF_TYPE_CRYPTO     6
#define TARGET_KF_TYPE_MQUEUE     7
#define TARGET_KF_TYPE_SHM        8
#define TARGET_KF_TYPE_SEM        9
#define TARGET_KF_TYPE_PTS        10
#define TARGET_KF_TYPE_PROCDESC   11
#define TARGET_KF_TYPE_DEV        12
#define TARGET_KF_TYPE_UNKNOWN    255

struct
 target_kinfo_proc {
  int32_t    ki_structsize;     /* size of this structure */
  int32_t    ki_layout;         /* reserved: layout identifier */
  abi_ulong  ki_args;           /* address of command arguments */
  abi_ulong  ki_paddr;          /* address of proc */
  abi_ulong  ki_addr;           /* kernel virtual addr of u-area */
  abi_ulong  ki_tracep;         /* pointer to trace file */
  abi_ulong  ki_textvp;         /* pointer to executable file */
  abi_ulong  ki_fd;             /* pointer to open file info */
  abi_ulong  ki_vmspace;        /* pointer to kernel vmspace struct */
  abi_ulong  ki_wchan;          /* sleep address */
  int32_t    ki_pid;            /* Process identifier */
  int32_t    ki_ppid;           /* parent process id */
  int32_t    ki_pgid;           /* process group id */
  int32_t    ki_tpgid;          /* tty process group id */
  int32_t    ki_sid;            /* Process session ID
 */
  int32_t    ki_tsid;           /* Terminal session ID */
  int16_t    ki_jobc;           /* job control counter */
  int16_t    ki_spare_short1;   /* unused (just here for alignment) */
  int32_t    ki_tdev__freebsd11; /* controlling tty dev */
  target_sigset_t ki_siglist;   /* Signals arrived but not delivered */
  target_sigset_t ki_sigmask;   /* Current signal mask */
  target_sigset_t ki_sigignore; /* Signals being ignored */
  target_sigset_t ki_sigcatch;  /* Signals being caught by user */
```

```
  int32_t     ki_uid;           /* effective user id */
  int32_t     ki_ruid;          /* Real user id */
  int32_t     ki_svuid;         /* Saved effective user id */
  int32_t     ki_rgid;          /* Real group id */
  int32_t     ki_svgid;         /* Saved effective group id */
  int16_t     ki_ngroups;       /* number of groups */
  int16_t     ki_spare_short2;  /* unused (just here for alignment) */
  int32_t     ki_groups[TARGET_KI_NGROUPS];
 /* groups */

  abi_long    ki_size;          /* virtual size */

  abi_long    ki_rssize;        /* current resident set size in pages */
  abi_long    ki_swrss;         /* resident set size before last swap */
  abi_long    ki_tsize;         /* text size (pages) XXX */
  abi_long    ki_dsize;         /* data size (pages) XXX */
  abi_long    ki_ssize;         /* stack size (pages) */

  uint16_t    ki_xstat;         /* Exit status for wait & stop signal */
  uint16_t    ki_acflag;        /* Accounting flags */

  uint32_t    ki_pctcpu;        /* %cpu for process during ki_swtime */

  uint32_t    ki_estcpu;        /* Time averaged value of ki_cpticks */
  uint32_t    ki_slptime;       /* Time since last blocked */
  uint32_t    ki_swtime;        /* Time swapped in or out */
  uint32_t    ki_cow;           /* number of copy-on-write faults */
  uint64_t    ki_runtime;       /* Real time in microsec */


 struct  target_freebsd_timeval ki_start;  /* starting time */
  struct  target_freebsd_timeval ki_childtime; /* time used by process children */

  abi_long    ki_flag;          /* P_* flags */
  abi_long    ki_kiflag;        /* KI_* flags (below) */
  int32_t     ki_traceflag;     /* Kernel trace points */
  char        ki_stat;          /* S* process status */
  int8_t      ki_nice;          /* Process "nice" value */
  char        ki_lock;          /* Process lock (prevent swap) count */
  char        ki_rqindex;       /* Run queue index */
  u_char      ki_oncpu_old;     /* Which cpu we are on (legacy) */
  u_char      ki_lastcpu_old;   /* Last cpu we were on (legacy) */
  char        ki_tdname[TARGET_TDNAMLEN + 1];  /* thread name */
  char        ki_wmesg[TARGET_WMESGLEN + 1];   /* wchan message */
  char        ki_login[TARGET_LOGNAMELEN + 1]; /* setlogin name */
  char        ki_lockname[TARGET_LOCKNAMELEN + 1]; /* lock name */
```

```
 char       ki_comm[TARGET_COMMLEN + 1];     /* command name */
  char       ki_emul[TARGET_KI_EMULNAMELEN + 1];  /* emulation name */
  char       ki_loginclass[TARGET_LOGINCLASSLEN + 1]; /* login class */

  char       ki_sparestrings[50];    /* spare string space */
  int32_t    ki_spareints[TARGET_KI_NSPARE_INT]; /* spare room for growth */
  uint64_t ki_tdev;  /* controlling tty dev */
  int32_t    ki_oncpu;          /* Which cpu we are on */
  int32_t    ki_lastcpu;        /* Last cpu we were on */
  int32_t    ki_tracer;         /* Pid of tracing process */
  int32_t    ki_flag2;          /* P2_* flags */
  int32_t    ki_fibnum;         /* Default FIB number */
  uint32_t   ki_cr_flags;       /* Credential flags */
  int32_t    ki_jid;            /* Process jail ID */
  int32_t    ki_numthreads;     /* XXXKSE number of threads in total */

  int32_t    ki_tid;            /* XXXKSE thread id */

  struct  target_priority ki_pri;
 /* process priority */
  struct  target_freebsd_rusage ki_rusage;  /* process rusage statistics */
     /* XXX - most fields in ki_rusage_ch are not (yet) filled in */
  struct  target_freebsd_rusage ki_rusage_ch; /* rusage of children processes */



  abi_ulong   ki_pcb;            /* kernel virtual addr of pcb */
  abi_ulong   ki_kstack;         /* kernel virtual addr of stack */
  abi_ulong   ki_udata;          /* User convenience pointer */
  abi_ulong   ki_tdaddr;         /* address of thread */

  abi_ulong   ki_spareptrs[TARGET_KI_NSPARE_PTR];  /* spare room for growth */
  abi_long    ki_sparelongs[TARGET_KI_NSPARE_LONG];/* spare room for growth */
  abi_long    ki_sflag;          /* PS_* flags */
  abi_long    ki_tdflags;        /* XXXKSE kthread flag */
};

struct target_kinfo_file {
  int32_t  kf_structsize;  /* Variable size of record. */
  int32_t  kf_type;  /* Descriptor type. */
  int32_t  kf_fd;   /* Array index. */
  int32_t  kf_ref_count;
 /* Reference count. */
  int32_t  kf_flags;  /* Flags. */
  int32_t  kf_pad0;  /* Round to 64 bit alignment. */
  int64_t  kf_offset;  /* Seek location. */
  union {
     struct {
        uint32_t kf_spareint;
```

```
            /* Socket domain. */
            int  kf_sock_domain0;
            /* Socket type. */
            int  kf_sock_type0;
            /* Socket protocol. */
            int  kf_sock_protocol0;
            /* Socket address. */
            struct sockaddr_storage kf_sa_local;
            /* Peer address. */
            struct sockaddr_storage kf_sa_peer;
            /* Address of so_pcb. */
            uint64_t kf_sock_pcb;
            /* Address of inp_ppcb. */
            uint64_t kf_sock_inpcb;
            /* Address of unp_conn. */
            uint64_t kf_sock_unpconn;
            /* Send buffer state. */
            uint16_t kf_sock_snd_sb_state;
            /* Receive buffer state. */
            uint16_t kf_sock_rcv_sb_state;
            /*
        Round to 64 bit alignment. */
            uint32_t kf_sock_pad0;
        } kf_sock;
        struct {
            /* Vnode type. */
            int  kf_file_type;
            /* Space for future use */
            int  kf_spareint[3];
            uint64_t kf_spareint64[30];
            /* Vnode filesystem id. */
            uint64_t kf_file_fsid;
            /* File device. */
            uint64_t kf_file_rdev;
            /* Global file id. */
            uint64_t kf_file_fileid;
            /* File size. */
            uint64_t kf_file_size;
            /* Vnode filesystem id, FreeBSD 11 compat. */
            uint32_t kf_file_fsid_freebsd11;
            /* File device, FreeBSD 11 compat. */
            uint32_t kf_file_rdev_freebsd11;
            /* File mode. */
            uint16_t kf_file_mode;
            /* Round to 64 bit alignment. */
            uint16_t kf_file_pad0;
            uint32_t kf_file_pad1;
        } kf_file;
```

```
        struct {
            uint32_t kf_spareint[4];
             uint64_t kf_spareint64[32];
            uint32_t kf_sem_value;
            uint16_t kf_sem_mode;
        } kf_sem;
        struct {
            uint32_t kf_spareint[4];
            uint64_t kf_spareint64[32];
            uint64_t kf_pipe_addr;
            uint64_t kf_pipe_peer;
            uint32_t kf_pipe_buffer_cnt;
            /* Round to 64 bit alignment. */
            uint32_t kf_pipe_pad0[3];
        } kf_pipe;
        struct {
            uint32_t kf_spareint[4];
            uint64_t kf_spareint64[32];
            uint32_t kf_pts_dev_freebsd11;
            uint32_t kf_pts_pad0;
            uint64_t kf_pts_dev;
            /* Round to 64 bit alignment. */
            uint32_t kf_pts_pad1[4];
        } kf_pts;
        struct {
            uint32_t kf_spareint[4];
            uint64_t kf_spareint64[32];
            int32_t  kf_pid;
        } kf_proc;
    } kf_un;
    uint16_t kf_status;  /* Status flags. */
    uint16_t kf_pad1;  /* Round to 32 bit alignment. */
    int32_t
   _kf_ispare0;  /* Space for more stuff. */
    target_cap_rights_t kf_cap_rights; /* Capability rights. */
    uint64_t _kf_cap_spare; /* Space for future cap_rights_t. */
    /* Truncated before copyout in sysctl */
    char  kf_path[PATH_MAX]; /* Path to file, if any. */
};

struct target_kinfo_vmentry {
    int32_t  kve_structsize;  /* Variable size of record. */
    int32_t  kve_type;   /* Type of map entry. */
    uint64_t kve_start;   /* Starting address. */
    uint64_t kve_end;   /* Finishing address. */
    uint64_t kve_offset;   /* Mapping offset in object */
    uint64_t kve_vn_fileid;   /* inode number if vnode */
    uint32_t kve_vn_fsid_freebsd11;  /* dev_t of vnode location */
```

```
  int32_t  kve_flags;   /* Flags on map entry. */
  int32_t  kve_resident;   /* Number of resident pages. */
  int32_t  kve_private_resident;  /* Number of private pages. */
  int32_t  kve_protection;  /* Protection bitmask. */
  int32_t  kve_ref_count;   /* VM obj ref count. */

 int32_t  kve_shadow_count;  /* VM obj shadow count. */
  int32_t  kve_vn_type;   /* Vnode type. */
  uint64_t kve_vn_size;   /* File size. */
  uint32_t kve_vn_rdev_freebsd11;  /* Device id if device. */
  uint16_t kve_vn_mode;   /* File mode. */
  uint16_t kve_status;   /* Status flags. */
#if (__FreeBSD_version >= 1300501 && __FreeBSD_version < 1400000) ||    \
  __FreeBSD_version >= 1400009
  union {
     uint64_t _kve_vn_fsid;  /* dev_t of vnode location */
     uint64_t _kve_obj;  /* handle of anon obj */
  } kve_type_spec;
#define kve_vn_fsid kve_type_spec._kve_vn_fsid
#define kve_obj  kve_type_spec._kve_obj
#else
  uint64_t kve_vn_fsid;   /* dev_t of vnode location */
#endif
  uint64_t kve_vn_rdev;   /* Device id if device. */
  int  _kve_ispare[8];  /* Space for more stuff. */
  /* Truncated before copyout in sysctl */
  char  kve_path[PATH_MAX];  /* Path to VM obj, if any. */
};

#endif /* ! _TARGET_OS_USER_H_ */
TARGET_ARCH=i386
TARGET_XML_FILES= gdb-xml/i386-32bit.xml
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John R. Hauser
2018 January 20

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* OpenBSD thread dependent code and definitions

```
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#ifndef _TARGET_OS_THREAD_H_
#define _TARGET_OS_THREAD_H_

#include "target_arch_thread.h"

#endif /* !_TARGET_OS_THREAD_H_ */
```

1.286 mdadm 4.2

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1.288 boost 1.81.0

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1.289 apr 1.7.2

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file_io/unix/mktemp.c, strings/apr_strings.c:

```
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From dso/aix/dso.c:

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From strings/apr_strnatcmp.c,
include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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From
strings/apr_snprintf.c:

*
* cvt - IEEE floating point formatting routines.
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1.290 linux-kernel 5.15.155

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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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  || strcmp(license, "GPL and additional rights") == 0
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_trs.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_bcons.c
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pkcs8/p5_pbev2.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509spki.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_akeya.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_extku.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_akey.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_skey.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pkcs8/pkcs8.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/pkcs8.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_prn.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pkcs8/pkcs8_x509.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_x509a.c
*
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rand/ctrdrbg.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/delocate.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/is_boringssl.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/self_check/self_check.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pkcs7/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pkcs7/pkcs7_x509.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/span.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/err/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/p_ed25519_asn1.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/rand_extra/forkunsafe.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/aes/internal.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/p_ed25519.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/self_check/fips.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/rand_extra/rand_extra.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/rand_extra/fuchsia.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/ssl_versions.cc
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 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/dtls_record.cc
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// This file contains a constant-time implementation of AES, bitsliced with
// AES steps are evaluated in bitsliced form, stored in an |AES_NOHW_BATCH|.
// This
 stores |AES_NOHW_BATCH_SIZE| blocks in bitsliced order. For 64-bit words
// containing bitsliced blocks a, b, c, d, this would be as follows (vertical
// Observe that the distances between corresponding bits in bitsliced and
// the bitsliced and compact representations may be converted by tranposing bits
// |aes_word_t| work equally for the bitsliced and compact words.
// specified, it is in bitsliced form.
// An AES_NOHW_SCHEDULE is an expanded bitsliced AES key schedule. It is
// |AES_NOHW_BATCH_SIZE| copies of the round key in bitsliced form.
// aes_nohw_transpose converts |batch| to and from bitsliced form. It divides

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/grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_parse_txt_reply.c
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/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/e_os2.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/handoff.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/hrss.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/scalar.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/gcd_extra.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/felem.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/hrss/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/md5/internal.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bytestring/unicode.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/div_extra.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_free_hostent.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares__read_line.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_expand_string.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_strcasecmp.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_getenv.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_create_query.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_strdup.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_llist.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_parse_ptr_reply.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_timeout.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_send.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_getenv.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/cfb.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/gcm.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/handshake.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/s3_both.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/gaussian_distribution.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/prefetch.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/bad_optional_access.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randen_traits.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/cord_analysis.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/numeric/int128_no_intrinsic.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/hide_ptr.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/civil_time.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/utf8.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/hash/internal/hash.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_info.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/output.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/throw_delegate.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/non_temporal_arm_intrinsics.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/char_map.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/cycleclock_config.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/escaping.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/internal/optional.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/seed_sequences.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/utf8.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/endian.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/internal/graphcycles.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/arg.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/symbolize_darwin.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/cpu_detect.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/clock.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/internal/variant.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_btree_reader.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/types/bad_variant_access.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/thread_identity.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_btree_reader.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/numeric/int128.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/spinlock_linux.inc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/barrier.h

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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/optimization.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc_internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/raw_logging.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/internal/create_thread_identity.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/charconv.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/hashtable_debug_hooks.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/elf_mem_image.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/cord_buffer.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/unscaledcycleclock_config.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/float_conversion.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/bind.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/blocking_counter.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/fast_type_id.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/pcg_engine.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/platform.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/poisson_distribution.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/notification.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_cat.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/civil_time.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/non_temporal_memcpy.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/sysinfo.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/discrete_distribution.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/atomic_hook.h

* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc32c_inline.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc_memcpy_x86_64.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/exponential_distribution.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/bind.h
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/seed_material.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/internal/waiter.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/compressed_tuple.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/stacktrace.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/inline_variable.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_btree_navigator.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/cord.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_ring.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/substitute.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randen_detect.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/resize_uninitialized.h
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/extension.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_functions.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/errno_saver.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/low_level_alloc.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/profiling/internal/sample_recorder.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_replace.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/string_view.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_join.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/charconv_bigint.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/cycleclock.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/cycleclock.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/meta/type_traits.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randen_detect.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/extension.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/symbolize_win32.inc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/container_memory.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_data_edge.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/thread_annotations.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_crc.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/spinlock.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_join_internal.h
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 /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_functions.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/str_format/parser.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_internal.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/log_severity.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/base/internal/invoke.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/salted_seed_seq.h

* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/str_replace.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/synchronization/notification.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/zipf_distribution.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cordz_handle.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/internal/common.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/status/status.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/charconv_parse.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/crc/internal/crc32_x86_arm_combined_simd.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/profiling/internal/exponential_biased.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_consume.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/internal/randen.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/internal/cord_rep_btree.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/container/inlined_vector.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/status/status_payload_printer.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/strings/escaping.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/hash/hash.h
*
/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/debugging/internal/demangle.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/random/seed_gen_exception.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/ssl_transcript.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_android.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_android.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/pbkdf.c
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/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/encode.c/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/encode.h/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/extension_registry.c/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/extension_registry.h/*
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/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/internal/table.h/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/internal/upb.h/*
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/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/mini_table.h/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/mini_table.hpp/*
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/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/msg.h/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/msg_internal.h/*
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/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/port_undef.inc/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/reflection.c/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-

gz/third_party/upb/upb/reflection.h/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/reflection.hpp//
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/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/status.c/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/status.h/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/table.c/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/table_internal.h/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/text_encode.c/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/text_encode.h/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/upb.c/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/upb.h/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/upb/upb/upb.hpp//
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/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/xxhash/xxhash.h/*
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/adler32.c/*
adler32.c -- compute the Adler-32 checksum of a data stream
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/compress.c/*
compress.c -- compress a memory buffer
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/crc32.c/*
crc32.c -- compute the CRC-32 of a data stream
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/deflate.c/*
deflate.c -- compress data using the deflation algorithm
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/deflate.h/*
deflate.h -- internal compression state
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/gzclose.c/*
gzclose.c -- zlib gzclose() function
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/gzguts.h/*
gzguts.h -- zlib internal header definitions for gz* operations
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/gzlib.c/*
gzlib.c -- zlib functions common to reading and writing gzip files
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/gzread.c/*
gzread.c -- zlib functions for reading gzip files
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/gzwrite.c/*
gzwrite.c -- zlib functions for writing gzip files
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/infback.c/*
infback.c -- inflate using a call-back interface
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/inffast.c/*
inffast.c -- fast decoding
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/inffast.h/*
inffast.h -- header to use inffast.c
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/inflate.c/*
inflate.c -- zlib decompression
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/inflate.h/*
inflate.h -- internal inflate state definition

/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/inftrees.c/* inftrees.c -- generate Huffman trees for efficient decoding
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/inftrees.h/* inftrees.h -- header to use inftrees.c
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/trees.c/* trees.c -- output deflated data using Huffman coding
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/uncompr.c/* uncompr.c -- decompress a memory buffer
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/zconf.h/* zconf.h -- configuration of the zlib compression library
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/zlib.h/* zlib.h -- interface of the 'zlib' general purpose compression library
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/zutil.c/* zutil.c -- target dependent utility functions for the compression library
/opt/cola/permits/2634184782_1759119893.3114762/0/grpc-1-53-2-gem/data-tar-gz/third_party/zlib/zutil.h/* zutil.h -- internal interface and configuration of the compression library

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// Inspired by Daniel J. Bernstein's public domain nistp224 implementation
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* /grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/ares_freeaddrinfo.c
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* /grpc-1-53-2-gem/data-tar-gz/include/grpc/slice_buffer.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/atm_gcc_sync.h

* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/sync_windows.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/status.h
*
 /grpc-1-53-2-gem/data-tar-gz/include/grpc/byte_buffer_reader.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/slice_type.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/byte_buffer_reader.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/sync_generic.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_channel.c
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/sync_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_byte_buffer.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/atm_gcc_atomic.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/log.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_byte_buffer.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_channel_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/log_windows.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/grpc_types.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/atm.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_call.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/atm.h
*
 /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_channel_credentials.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_completion_queue.c
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* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_server.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_completion_queue.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/port_platform.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/sync_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_server_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_compression_options.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/atm_gcc_sync.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/grpc_types.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_call_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/sync_posix.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/cpu.h
*
 /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_grpc.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/byte_buffer.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/alloc.h
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* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_grpc.c
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/slice.h
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* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/status.h
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* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_compression_options.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_call_credentials.c
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/compression.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/sync_generic.h

* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_call.c
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_channel_args.h
*
 /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/sync.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/port_platform.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/log.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/slice.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/workaround_list.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/byte_buffer.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_server.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/time.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/support/atm_gcc_atomic.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/ext/grpc/rb_channel_args.c
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address_posix.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/transport_security_grpc.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channelz_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_record_protocol_crypter_common.cc
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/server_address.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/check_gcp_environment.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/percent_encoding.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_resource_type_impl.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/thread_local.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/server/http_server_filter.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/crash.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/time_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/ssl_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine.h
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/sleep.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_client_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/server/chttp2_server.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/loop.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/api.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_iovec_record_protocol.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_utils_linux.cc
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/context.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/trace.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/error.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/grpc_if_nametoindex.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/alloc.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/stateful_session/stateful_session_service_config_parser.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/systemd_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/exec_ctx_wakeup_scheduler.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/client_load_reporting_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/try_join.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/ring_hash/ring_hash.cc

* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_call_state_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/tcp_socket_utils.h
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/call_combiner.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/local_transport_security.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_client_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_record_protocol_crypter_common.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_counter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/forkable.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/event_string.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/histogram_view.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load_balancing/lb_policy_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/frame_handler.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time_averaged_stats.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/common_closures.h
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/lockfree_event.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/transport_security_interface.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/completion_queue_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/plugin_registry/grpc_plugin_registry_extra.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/wrap_memcpy.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_mutator.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_shared_resource.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_tsi_handshaker.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/tcp_socket_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/poller.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/c_ares/grpc_ares_ev_driver.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/oauth2/oauth2_credentials.cc
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/config/core_configuration.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_listener.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/log_android.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/resolver_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/google_default/google_default_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/service_config_channel_arg_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/config/core_configuration.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_http_stateful_session_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/thd_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/internal_errqueue.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/backoff/random_early_detection.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/client/chttp2_connector.cc
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/http_trace.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/ring_hash/ring_hash.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine_closure.h

* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/load_file.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json_reader.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/client_authority_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/ssl/ssl_security_connector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/matchers/matchers.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl_transport_security.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/thread_pool.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/certificate_provider/certificate_provider_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_http_filters.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/url_external_account_credentials.cc
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/retry_service_config.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/mpscq.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/insecure/insecure_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc_tls_certificate_provider.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json_util.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_bootstrap_grpc.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/evaluate_args.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel_init.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/status_helper.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/subchannel_interface_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/backend_metrics/backend_metric_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/default_event_engine_factory.h
*
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/tls_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset_set.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_transport_grpc.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/ev_poll_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/stateful_session/stateful_session_service_config_parser.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/channel_args_endpoint_config.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/systemd_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_bootstrap_grpc.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/rbac/rbac_service_config_parser.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/resolver.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/load_balancer_api.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_client_stats.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/load_system_roots_supported.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/completion_queue.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_client_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/format_request.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/buffer_list.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_client_grpc.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/resolved_address_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/backup_poller.h

* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame_settings.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_integrity_only_record_protocol.cc
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/gethostname_fallback.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/parsed_metadata.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/auth_filters.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_integrity_only_record_protocol.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/client/http_client_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolved_address.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/experiments/config.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/subchannel.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine_listener_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/lockfree_event.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call_test_only.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/completion_queue_factory.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/server.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/codegen/grpc/testing/same_package_service_name.proto
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/transport_security.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/activity.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/ssl/ssl_security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/parsed_metadata.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/aws_request_signer.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/address_filtering.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/interceptor_list.h
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine_listener_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/executor.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/grpc_alts_credentials_client_options.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/tls_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_http_fault_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_channel_stack_modifier.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/c_ares/grpc_ares_wrapper_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/message_compress/compression_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/matchers.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint_cfstream.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/authorization_engine.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/server/http_server_filter.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/dualstack_socket_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/gethostname.h

* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/session_cache/ssl_session_openssl.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/plugin/plugin_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/context/security_context.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/matchers/matchers.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time_averaged_stats.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/server/chttp2_server.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_args.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/transport_fwd.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/session_cache/ssl_session.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/global_config_custom.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_client_stats.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr_fwd.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/error_cfstream.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/activity.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/c_ares/dns_resolver_ares.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/log_windows.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_route_config.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/decode_huff.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/server.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/periodic_update.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/rbac_policy.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/census/grpc_context.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/try_seq.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr_internal.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/connectivity_state.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/bdp_estimator.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/env_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/load_system_roots_supported.h

* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/oob_backend_metric.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load_balancing/lb_policy_registry.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/plugin_registry/grpc_plugin_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_zero_copy_grpc_protector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/work_serializer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_utils_posix_common.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_health_status.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/client_auth_filter.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/fake_transport_security.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/config_selector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/compression/compression_internal.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/builtins.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/polling_resolver.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/status_util.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/dns_resolver_selection.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/priority/priority.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_lb_policy_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/error.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/iam/iam_credentials.h
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/version.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_wrr_locality.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_client_grpc.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/compression/compression.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/stat_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_channel_args.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config_parser.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/builtins.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/init_internally.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/plugin/plugin_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/event_engine/slice_buffer.h
*
 /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/huffsyms.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_http_filters.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server.h

* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/jwt/jwt_verifier.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/security_handshaker.h
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/codegen/grpc/testing/same_ruby_package_service_name.proto
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/pick_first/pick_first.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/check_gcp_environment_no_op.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/api_trace.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_api.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/crypt/gsec.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/transport_security.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/tchar.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/client/chttp2_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/bdp_estimator.h
* /grpc-1-53-2-gem/data-tar-
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/sockaddr_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/context/security_context.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/init_internally.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/handshaker.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/subchannel.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame_ping.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/dynamic_filters.cc
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 /grpc-1-53-2-gem/data-tar-gz/include/grpc/event_engine/internal/slice_cast.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/inproc/inproc_plugin.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/env_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice_buffer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_handshaker_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/validate_metadata.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/transport_security_grpc.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset_set_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/authorization_policy_provider_vtable.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/tcp_connect_handshaker.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/pid_controller.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/stat_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/backoff/backoff.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json_channel_args.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/oauth2/oauth2_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channelz_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/tcp_socket_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config_parser.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel_plugin.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_cluster_resolver.cc

* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/timer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/retry_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/polling_entity.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/channel_connectivity.cc
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/status_util.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/host_port.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/check_gcp_environment.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/executor.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_record_protocol.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/experiments/experiments.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/rbac/rbac_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/event_log.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_utils_common_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/httpcli.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/event_poller_posix_default.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/arena.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel_ping.cc
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/connectivity_state.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/chttp2_transport.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/rbac_policy.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice_refcount.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_crypter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_trace.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/grpc_alts_credentials_options.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack_encoder_table.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/handle_containers.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/sockaddr_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/buffer_list.cc
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/arena_promise.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel_init.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/resolved_address.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/compression/message_compress.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/windows_endpoint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_endpoint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/fault_injection/fault_injection_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config_impl.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/ssl/ssl_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_override_host.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/local/local_credentials.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/grpc_alts_credentials_server_options.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_stack_builder_impl.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_endpoint.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load_balancing/lb_policy_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/handshaker_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/transport_impl.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_stack_builder_impl.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/decode_huff.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load_balancing/subchannel_interface.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame_window_update.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/completion_queue.h
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/global_subchannel_pool.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/env.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/lockfree_event.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/address_utils/parse_address.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/local_transport_security.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/aws_request_signer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_certificate_provider.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/weighted_target/weighted_target.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/binder/binder_resolver.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/insecure/insecure_security_connector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_frame_protector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer_manager.h
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/grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/periodic_update.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/histogram_view.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/channel_idle/channel_idle_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_server_config_fetcher.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iocp_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/ev_poll_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/timer_manager.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/tcp_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/external_account_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/fake/fake_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_utils.h
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/grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/external_account_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/frame_handler.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/health/health_check_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/check_gcp_environment_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/wakeup_fd_eventfd.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/time_precise.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/parsing.cc

* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/backend_metric_data.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/closure.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_args_preconditioning.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_cluster_specifier_plugin.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/status_conversion.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/format_request.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/exec_ctx.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/closure.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/thd.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/string_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/load_file.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame_goaway.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/percent_encoding.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/crypt/gsec.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/tsi_error.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/global_config_env.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address_impl.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/local/local_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/address_utils/sockaddr_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_bootstrap.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/event_log.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/combiner.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/event_string.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/outlier_detection/outlier_detection.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel_service_config.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/child_policy_handler.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/context.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/timer.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/handshaker/proxy_mapper.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/resolver_registry.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/sleep.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_fwd.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/local/local_security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr_posix_cfstream.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/byte_buffer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/rbac/rbac_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/fake/fake_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/global_config.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/wakeup_fd_posix_default.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/time_util.cc
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/grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/pipe.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/fake_transport_security.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb_client_stats.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/xds/xds_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/oob_backend_metric_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/validate_metadata.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/tls/tls_security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/examine_stack.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/tmpfile_msys.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/grpc_alts_credentials_options.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/http_connect_handshaker.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack_parser_table.cc
*
/grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb_balancer_addresses.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/packed_table.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json_writer.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/httpcli_security_connector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_override_host.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/dynamic_annotations.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_utils_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/iocp.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/grpc_if_nametoindex_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/retry_throttle.cc
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/grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/session_cache/ssl_session_cache.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/endpoint.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_apple.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/transport.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/jwt/jwt_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/windows_engine.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/gethostname_host_name_max.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/channel_idle/idle_filter_state.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/polling_entity.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_channel_args.h
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/grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/inproc/inproc_transport.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_cluster.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/httpcli_ssl_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_certificate_provider.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/util/json_util.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/subchannel_stream_client.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/composite/composite_credentials.cc

* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame_data.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer_manager.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/stats_data.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/sockaddr.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/compression/message_compress.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/atomic_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/unique_type_name.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/inproc/inproc_transport.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/event_poller_posix_default.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config_call_data.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/stateful_session/stateful_session_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_utils_posix_ifaddrs.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/channel_idle/channel_idle_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/file_external_account_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_poll_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/handshaker/proxy_mapper_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_utils_posix.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/c_ares/grpc_ares_ev_driver_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/compression/compression_internal.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/unix_sockets_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/detail/promise_factory.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/resolver_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup_fd_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/transport.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_handshaker_client.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/tcp_socket_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/wakeup_fd_pipe.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/retry_filter.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/backend_metrics/backend_metric_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/handshaker_registry.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/resource_quota.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/detail/status.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/subchannel_pool_interface.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/chttp2_transport.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/fork_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/composite/composite_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/resolve_address_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint_pair_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/insecure/insecure_security_connector.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/client_load_reporting_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/sockaddr/sockaddr_resolver.cc

* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup_fd_pipe.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/server_auth_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/grpc_if_nametoindex_unsupported.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/flow_control.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/trace.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/port.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/external/aws_external_account_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/handshaker.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_factory_posix.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/google_default/credentials_generic.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_utils_posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/if.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/win_socket.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/string.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/string_util_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame_rst_stream.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/ssl_utils_config.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/grpc_authorization_engine.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/deadline/deadline_filter.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json_object_loader.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/writing.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/file_watcher_certificate_provider_factory.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/bin_decoder.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack_encoder_table.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/thd_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc_tls_certificate_distributor.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/subchannel_stream_client.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/resource_quota.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/load_system_roots.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/ref_counted.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/c_ares/grpc_ares_wrapper.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/load_balancer_api.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/wakeup_fd_pipe.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/http_connect_handshaker.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/unix_sockets_posix_noop.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/timer_heap.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iocp_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_args_preconditioning.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_poll_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/ssl_utils_config.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/bin_encoder.cc

* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/time_util.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/check_gcp_environment_linux.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/subchannel_list.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel_service_config.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/deadline/deadline_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint_pair.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resolver/server_address.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/jwt/json_token.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/certificate_provider_store.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/rbac/rbac_service_config_parser.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_routing.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/cfstream_handle.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/tls/tls_security_connector.cc
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/closure.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/windows_engine.cc
* /grpc-1-53-2-gem/data-tar-
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* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/key_logging/ssl_key_logging.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_routing.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_client_cfstream.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/health/health_check_client.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/alts/alts_security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup_fd_pipe.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/stat.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/service_config/service_config_impl.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/huffsyms.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/message_compress/compression_filter.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/secure_endpoint.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_engine_listener.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack_constants.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/single_set_ptr.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/grpc_server_authz_filter.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice_refcount.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/transport_security_common_api.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/fault_injection/fault_injection_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_cluster_impl.cc

* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/hpack_parser.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset_windows.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/error_cfstream.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/time_util.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/closure.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc_tls_certificate_distributor.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/ev_apple.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/fake/fake_security_connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/tcp_connect_handshaker.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/no_destruct.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/matchers.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/manual_constructor.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup_fd_eventfd.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/tsi_error.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/fault_injection/fault_injection_service_config_parser.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_unseal_privacy_integrity_crypter.cc
* /grpc-1-53-2-gem/data-tar-
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/alloc.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/error_utils.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/b64.cc
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/load_balancing/lb_policy.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/construct_destruct.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer_generic.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_attributes.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/default_event_engine_factory.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/transport/security_handshaker.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/client_channel_channelz.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json_args.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/http_proxy.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/server_config_selector/server_config_selector_filter.cc

* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/address_utils/sockaddr_utils.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_cluster_specifier_plugin.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_stack.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/cpu_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/useful.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/file_watcher_certificate_provider_factory.h
* /grpc-1-53-2-gem/data-tar-
gz/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_privacy_integrity_record_protocol.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/sync.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/detail/basic_join.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/exec_ctx.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/race.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/table.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/default_event_engine.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/slice_buffer.cc
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/api_trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/experiments/config.cc
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/event_engine/memory_allocator.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/seq.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/zero_copy_frame_protector/alts_iovec_record_protocol.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_frame_protector.cc
* /grpc-1-53-2-gem/data-tar-
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/forkable.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/byte_buffer_reader.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/sync_abseil.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/retry_throttle.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/backoff/backoff.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/sync_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/arena.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc_tls_certificate_verifier.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/pid_controller.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call_trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame_data.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/handshaker_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/debug/stats.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/time_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/cpu_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_windows.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer_heap.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/log_linux.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/c_ares/grpc_ares_wrapper.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_args.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call_details.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/timeout_encoding.cc
* /grpc-1-53-2-gem/data-tar-
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/latch.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/ssl/ssl_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/tmpfile_windows.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/fake/fake_resolver.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_endpoint.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/thread_quota.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/error_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/http/client_authority_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/pollset_set_windows.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/insecure/insecure_credentials.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call_trace.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/json/json_util.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/endpoint_pair_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/metadata_array.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/stream_map.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/fork_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/sockaddr_utils_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/alts_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/chunked_vector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/examine_stack.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/env_linux.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/match.h

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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/http2_errors.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/alpn/alpn.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/backup_poller.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/shim.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/call_log_batch.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/overload.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/session_cache/ssl_session_cache.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/backend_metrics/backend_metric_provider.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/strerror.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/windows/windows_endpoint.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/dns/native/dns_resolver.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/strerror.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_transport_grpc.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/jwt/jwt_credentials.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/b64.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/http/parser.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/promise_based_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_attributes.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice_string_helpers.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/string_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/connector.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/promise.h
* /grpc-1-53-2-gem/data-tar-
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_cluster.cc
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 /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/metadata_batch.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/xds/xds_resolver.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/fault_injection/fault_injection_service_config_parser.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/call_tracer.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/internal_errqueue.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/xds/xds_cluster_manager.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_http_rbac_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/work_serializer.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/atm.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/internal_errqueue.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer_heap.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/http_proxy.cc

* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/api.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/bin_decoder.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/varint.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/transport/metadata_batch.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/gethostname_sysconf.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/fake/fake_resolver.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/handshaker/proxy_mapper_registry.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/alts/alts_credentials.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/event_engine_shims/endpoint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/jwt/json_token.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/posix_endpoint.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/per_cpu.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/combiner.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/security_connector/alts/alts_security_connector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/ev_epoll1_linux.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_lb_policy_registry.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/wakeup_fd_nospecial.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/map.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/varint.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/sync_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channel_stack_builder.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/thread_pool.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_tsi_utils.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/socket_factory_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/bin_encoder.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc_tls_certificate_verifier.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/grpclb/grpclb_client_stats.cc

* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gprpp/tchar.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl_types.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_tsi_handshaker_private.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_http_fault_filter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/channelz.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/channel_stack_type.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_bootstrap.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/xds/xds_common_types.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/trace.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/time_precise.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/timer_generic.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/frame_rst_stream.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/string.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/config_selector.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/tcp_server_utils_posix_noifaddrs.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/trace.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/surface/init.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/authorization/grpc_authorization_engine.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/tls/grpc_tls_credentials_options.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/iomgr/iomgr_windows.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/oob_backend_metric.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/memory_allocator.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/thread_quota.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/avl/avl.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/slice/slice_string_helpers.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_seal_privacy_integrity_crypter.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/detail/switch.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/event_engine/posix_engine/timer_heap.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/certificate_provider/certificate_provider_factory.h
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 /grpc-1-53-2-gem/data-tar-gz/src/core/ext/filters/client_channel/lb_policy/round_robin/round_robin.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/channel/promise_based_filter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/cpu_iphone.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/handshaker/alts_tsi_utils.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/resource_quota/trace.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/gpr/log.cc
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* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/security/credentials/call_creds_util.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/promise/intra_activity_waiter.h
* /grpc-1-53-2-gem/data-tar-gz/src/core/lib/backoff/random_early_detection.h
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* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/ssl/session_cache/ssl_session_boringssl.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/stream_map.cc
* /grpc-1-53-2-gem/data-tar-gz/src/core/tsi/alts/frame_protector/alts_counter.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_vpm.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/pcy_lib.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/pcy_cache.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/trust_token/trust_token.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/siphash/siphash.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/siphash.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/trust_token/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/ec_extra/ec_derive.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/p_x25519.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/re2/re2/prog.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/re2/util/mutex.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/re2/re2/walker-inl.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/re2/re2/simplify.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/re2/re2/parse.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/re2/re2/sparse_array.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/p256.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/rsaz_exp.c
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* Defines ABSL_STACKTRACE_INL_HEADER to the *-inl.h containing
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_pcons.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pem/pem_all.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/s3_pkt.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/x509v3.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_int.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509v3/v3_purp.c
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MIIEvgIBADANBgkqhkiG9w0BAQEFAASCBKgwggSkAgEAAoIBAQCyqYRp+DXVp72N
FbQH8hdhTZLycZXOlJhmMsrJmrjn2p7pI/8mTZ/0FC+SGWBGZV+ELiHrmCX5zfaI
Lr9Iuw7Ghr3Vzoefi8r62rLupVPNi/qdqyjWk2dECHC9Z3+Ag3KzKTyerXWjKcvy
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FQY19RbhAgMBAAECggEAIL8JUhL4awyvpWhQ8xPgTSlWwbEn8BE0TacJnCILuhNM
BRdf8LlRk/8PKQwVpVF3TFbYSMI+U6b4hMVssfv3HVQc/083dHq+3XOwUCVlUstR
SAzTE2E5EDMr1stdh0SQhV4Nilfos9s5Uk1Z6IGSztoz1GgOErIc/mGPy/aA/hbr
fRWHvTp35+MbCJSvZuOeevX2iLs0dNzqdk6DiOWIH/BVGirVPtO6ykrkuTj1FWiN
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g7jt4Mr3sfLCiZtqTQyySdMUEwKBgQDNK+ZFKL0XhkWZP+PGKjWG8LWpPiK3d78/
wYBFXzSTGlkr6FvRmYtZeNwXWRYLB4UxZ9At4hbJVEdi/2dITOz/sehVDyCAjjs3
gycsc3UJqiZbcw5XKhI5TWBuWxkKENdbMSayogVbp2aSYoRblH764//t0ACmbfTW
KUQRQPB/uwKBgQC5QjjjfPL8w4cJkGoYpFKELO2PMR7xSrmeEc6hwlFwjeNCgjy3
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6Nk4kN0mH7YxEKRzSOfyzeDF4oV7kuB2FYUbkTL+TirC3K58JiYY5Egc31trOKFm
Jlz1xz0b6DkmKWTiV3r9OPHKJ8P7IeJxAZWmZzCdDuwkv0i+WW+z0zsIe3JjEavN
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F/AQG7ukgipB6N6AkB9kDbgCs1FLgd199MQrEncug5hfpq8QerbyMatmA+GXoGMb
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nSwXX+2o0J/nF85fm4AwWKAc
-----END
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*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bytestring/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rand/urandom.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/chacha.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/opensslv.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/crypto.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/safestack.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/poly1305/poly1305_vec.c
*

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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/engine.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/opensslconf.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/pkcs7.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rand/rand.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/rand.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bytestring/cbb.c
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/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/socket_helper.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/e_chacha20poly1305.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pkcs7/pkcs7.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/rand_extra/windows.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/e_tls.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bytestring/cbs.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/engine/engine.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/poly1305/poly1305.c
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// bitsliced AES implementations (bsaes and aes_nohw).

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// logging; as a special exception, the function may acquire other mutexes

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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/cipher/e_aes.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_format.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/zone_info_source.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/include/cctz/time_zone.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_impl.h
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/grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_lookup.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_info.h

* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/civil_time_detail.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_posix.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_fixed.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/include/cctz/civil_time.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_libc.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/include/cctz/zone_info_source.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/abseil-cpp/absl/time/internal/cctz/src/time_zone_fixed.cc
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/i2d_pr.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/asn1_gen.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_exten.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/tasn_typ.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/name_print.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/bio.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_req.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_enum.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_spki.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/tasn_utl.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/fd.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/bio_mem.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/rc4/rc4.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_def.c
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/sha.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/asn_pack.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509rset.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/bn.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/conf/conf.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/hexdump.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/tasn_new.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/digest/digest.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/dh.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_req.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_time.c
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/evp_ctx.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_attrib.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/add.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_utf8.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/cipher/e_des.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rsa/rsa_impl.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/md4.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/f_string.c

* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/buf.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rsa/rsa.c
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/t_x509a.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/obj.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bn_extra/convert.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_name.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/a_sign.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/a_digest.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/des.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_strex.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/cipher/cipher.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/e_rc4.c
*
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/rsa.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/t_req.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_type.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_ext.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_obj.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/bio.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/md5.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_dup.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/t_x509.c
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_object.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_val.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/hmac.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pem/pem_lib.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/by_file.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/asn1_lib.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/lhash.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/evp.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/tasn_fre.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/asn1_par.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/md5/md5.c
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/cipher_extra.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_strnid.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/dh/dh.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/conf.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/f_int.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cipher_extra/e_rc2.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/div.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/sha/sha256.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_vfy.c

* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/des/des.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/mul.c
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_lu.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_mbstr.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/thread.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/printf.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/stack/stack.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_bitstr.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/base64/base64.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/cipher/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/tls_method.cc
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_int.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/lhash/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pem/pem_oth.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/rc4.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/mem.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/digest.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/evp/evp_asn1.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/base64.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/shift.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/digest/digests.c
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/t_crl.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/connect.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/mem.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_bool.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/stack.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/evp_errors.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/cast.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_print.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/hmac/hmac.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/cipher.h
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_x509.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/dh/check.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/obj/obj.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x_all.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/cmp.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/ssl_privkey.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/a_d2i_fp.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/buf/buf.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/type_check.h

* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cpu-intel.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/a_verify.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_v3.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rsa/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/digest/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/asn1/tasn_enc.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/ripemd.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bio/file.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_att.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/lhash/lhash.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/sha/sha1.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/generic.c
*
/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/x509/x509_txt.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/bn/bytes.c
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/grpc-1-53-2-gem/data-tar-gz/third_party/cares/cares/src/lib/inet_net_pton.c

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* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/test/client.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/user_agent_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/google_rpc_status_utils.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/generate_proto_ruby.sh
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/grpc/testing/duplicate/echo_duplicate_services_pb.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/test/xds_client.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/channel_connection_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/interceptor_registry.rb
*
/grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/spec_helper.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/client_stub.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/generic/server_interceptors_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/errors.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/service.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/src/proto/grpc/testing/test_services_pb.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/server_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/core/time_consts.rb

* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/interceptors.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/debug_message_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/notifier.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/grpc.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/generic/client_interceptors_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/duplicate/codegen_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/rpc_server.rb
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/grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/channel_credentials_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/google_rpc_status_utils_spec.rb
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* /grpc-1-53-2-gem/data-tar-gz/src/ruby/bin/math_client.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/core/status_codes.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/active_call.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/generic/client_stub_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/pb/codegen/package_option_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/client_server_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/call_credentials_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/structs.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/bin/math_services_pb.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/grpc/testing/metrics_services_pb.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/generic/rpc_desc.rb
*
/grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/compression_options_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/grpc/health/v1/health_services_pb.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/bin/noproto_server.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/generic/rpc_server_pool_spec.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/pb/grpc/health/checker.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/generic/service_spec.rb
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* /grpc-1-53-2-gem/data-tar-gz/src/ruby/spec/support/services.rb
* /grpc-1-53-2-gem/data-tar-gz/src/ruby/lib/grpc/logconfig.rb
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*

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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/asn1_mac.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cpu-arm-linux.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cpu-aarch64-linux.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/modes/polyval.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bytestring/asn1_compat.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pool/pool.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/tls13_both.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/tls13_server.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/pool/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/obj_mac.h
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/cpu-ppc64le.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/curve25519/spake25519.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/rand_extra/deterministic.c
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* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/ssl_x509.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/ssl_cipher.cc
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* /grpc-1-53-2-gem/data-tar-gz/include/grpc/load_reporting.h
* /grpc-1-53-2-gem/data-tar-gz/include/grpc/impl/codegen/sync_custom.h

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Found in path(s):
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/conf/internal.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/ec/util.c
*
 /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/thread_pthread.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/thread_win.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/dtls1.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/thread_none.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/cmac.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/bn_extra/bn_asn1.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/refcount_lock.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/srtp.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/refcount_c11.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/ssl_aead_ctx.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/buffer.h
*

/grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/ssl_buffer.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/err_data.c
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/include/openssl/curve25519.h
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/ssl/ssl_key_share.cc
* /grpc-1-53-2-gem/data-tar-gz/third_party/boringssl-with-bazel/src/crypto/fipsmodule/rand/internal.h

1.292 tomcat-connectors 1.2.40

1.292.1 Available under license :

```
PGM
CRTCMOD MODULE(MOD_JK/MOD_JK) +
  SRCSTMF('/home/apache/jk/native/apache-2.0/mod_jk.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
      'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('mod_jk.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP_COM) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp_common.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_ajp_common.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP12_W) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp12_worker.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5'
 '_REENTRANT') +
  TEXT('jk_ajp12_worker.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')
```

```
CRTCMOD MODULE(MOD_JK/JK_AJP13) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp13.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_ajp13.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP13_W) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp13_worker.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_ajp13_worker.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +

 INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP14) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp14.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_ajp14.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP14_W) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp14_worker.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_ajp14_worker.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')
```

```
CRTCMOD MODULE(MOD_JK/JK_CONNECT) +
  SRCSTMF('/home/apache/jk/native/common/jk_connect.c') +

  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT' 'USE_SO_RCVTIMEO' +
       'USE_SO_SNDTIMEO' ) +
  TEXT('jk_connect.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_CONTEXT) +
  SRCSTMF('/home/apache/jk/native/common/jk_context.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_context.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_LB_WORK) +
  SRCSTMF('/home/apache/jk/native/common/jk_lb_worker.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_lb_worker.c') +

  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_MAP) +
  SRCSTMF('/home/apache/jk/native/common/jk_map.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_map.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
```

```
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_MD5) +
  SRCSTMF('/home/apache/jk/native/common/jk_md5.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_md5.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_MSG_BUF)
 +
  SRCSTMF('/home/apache/jk/native/common/jk_msg_buff.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_msg_buff.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_POOL) +
  SRCSTMF('/home/apache/jk/native/common/jk_pool.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_pool.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_SOCKBUF) +
  SRCSTMF('/home/apache/jk/native/common/jk_sockbuf.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
   TEXT('jk_sockbuf.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
```

```
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_URI_W_M) +
  SRCSTMF('/home/apache/jk/native/common/jk_uri_worker_map.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
      'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_uri_worker_map.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_URL) +
  SRCSTMF('/home/apache/jk/native/common/jk_url.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
      'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_url.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common'
 '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_UTIL) +
  SRCSTMF('/home/apache/jk/native/common/jk_util.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
      'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_util.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_WORKER) +
  SRCSTMF('/home/apache/jk/native/common/jk_worker.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
      'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_worker.c') +
  OPTIMIZE(40) +
```

```
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_STATUS) +
  SRCSTMF('/home/apache/jk/native/common/jk_status.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520'
 +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_status.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_SHM) +
  SRCSTMF('/home/apache/jk/native/common/jk_shm.c') +
  DEFINE('AS400' 'HAVE_APR' '_XOPEN_SOURCE=520' +
       'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_shm.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALE) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTSRVPGM SRVPGM(MOD_JK/MOD_JK) +
    MODULE(MOD_JK/MOD_JK +
         MOD_JK/JK_AJP_COM MOD_JK/JK_AJP12_W +
         MOD_JK/JK_AJP13 MOD_JK/JK_AJP13_W +
         MOD_JK/JK_AJP14 MOD_JK/JK_AJP14_W +
         MOD_JK/JK_CONNECT MOD_JK/JK_CONTEXT +
         MOD_JK/JK_LB_WORK +
         MOD_JK/JK_MAP MOD_JK/JK_MD5
 +
         MOD_JK/JK_MSG_BUF MOD_JK/JK_POOL +
         MOD_JK/JK_SOCKBUF MOD_JK/JK_URI_W_M +
         MOD_JK/JK_URL +
         MOD_JK/JK_UTIL MOD_JK/JK_WORKER +
         MOD_JK/JK_STATUS MOD_JK/JK_SHM) +
    EXPORT(*SRCFILE) +
    BNDDIR() +
    TGTRLS(*CURRENT) +
```

```
    SRCFILE(MOD_JK/QSRVSRC) +
    SRCMBR(MOD_JK) +
    USRPRF(*USER) +
    BNDSRVPGM(QHTTPSVR/QZSRAPR QHTTPSVR/QZSRCORE +
            QHTTPSVR/QZSRXMLP QHTTPSVR/QZSRSDBM) +
    TEXT('Apache Tomcat mod_jk connector module')

ENDPGM
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!IFDEF APACHE20_HOME
APR_LIB=libapr.lib
APU_LIB=libaprutil.lib
OUTDIR=.\Release20
INTDIR=.\Release20
APACHE2_HOME=$(APACHE20_HOME)
!ELSE
!IFDEF APACHE24_HOME
APACHE2_HOME=$(APACHE24_HOME)
OUTDIR=.\Release24
INTDIR=.\Release24
!ELSE
!IFDEF
 APACHE22_HOME
APACHE2_HOME=$(APACHE22_HOME)
OUTDIR=.\Release22
INTDIR=.\Release22
!ENDIF
!ENDIF
APR_LIB=libapr-1.lib
APU_LIB=libaprutil-1.lib
!ENDIF
!IFNDEF APACHE2_HOME
!ERROR Missing APACHE2_HOME environment variable.
!ENDIF
```

```
TARGET=mod_jk$(SO_VERSION)$(SO_HTTPD_VERSION)
CPP=cl.exe
MTL=midl.exe
RSC=rc.exe
ARCH=X86

ALL : "$(OUTDIR)\$(TARGET).so"


CLEAN :
 -@erase "$(INTDIR)\jk.res"
 -@erase "$(INTDIR)\jk_ajp12_worker.obj"
 -@erase "$(INTDIR)\jk_ajp13.obj"
 -@erase "$(INTDIR)\jk_ajp13_worker.obj"
 -@erase "$(INTDIR)\jk_ajp14.obj"
 -@erase "$(INTDIR)\jk_ajp14_worker.obj"
 -@erase "$(INTDIR)\jk_ajp_common.obj"
 -@erase "$(INTDIR)\jk_connect.obj"
 -@erase "$(INTDIR)\jk_context.obj"
 -@erase "$(INTDIR)\jk_lb_worker.obj"
 -@erase "$(INTDIR)\jk_map.obj"
 -@erase "$(INTDIR)\jk_md5.obj"
 -@erase "$(INTDIR)\jk_msg_buff.obj"
 -@erase "$(INTDIR)\jk_pool.obj"
 -@erase "$(INTDIR)\jk_shm.obj"
 -@erase "$(INTDIR)\jk_sockbuf.obj"
 -@erase "$(INTDIR)\jk_status.obj"
 -@erase "$(INTDIR)\jk_uri_worker_map.obj"
 -@erase
 "$(INTDIR)\jk_url.obj"
 -@erase "$(INTDIR)\jk_util.obj"
 -@erase "$(INTDIR)\jk_worker.obj"
 -@erase "$(INTDIR)\mod_jk.obj"
 -@erase "$(INTDIR)\mod_jk_src.idb"
 -@erase "$(INTDIR)\mod_jk_src.pdb"
 -@erase "$(OUTDIR)\mod_jk.exp"
 -@erase "$(OUTDIR)\mod_jk.lib"
 -@erase "$(OUTDIR)\$(TARGET).pdb"
 -@erase "$(OUTDIR)\$(TARGET).so"

"$(OUTDIR)" :
   if not exist "$(OUTDIR)/$(NULL)" mkdir "$(OUTDIR)"

BSC32=bscmake.exe
BSC32_FLAGS=/nologo /o"$(OUTDIR)\$(TARGET).bsc"
BSC32_SBRS= \
```

```
LINK32=link.exe
LINK32_FLAGS=libhttpd.lib $(APR_LIB) $(APU_LIB) kernel32.lib user32.lib advapi32.lib mswsock.lib
ws2_32.lib $(EXTRA_LIBS) /nologo /base:"0x6A6B0000" /subsystem:windows /dll /incremental:no
/pdb:"$(OUTDIR)\$(TARGET).pdb" /debug /machine:$(ARCH) /out:"$(OUTDIR)\$(TARGET).so"
/implib:"$(OUTDIR)\mod_jk.lib" /libpath:"$(APACHE2_HOME)\lib" /opt:ref
LINK32_OBJS= \
 "$(INTDIR)\jk_ajp12_worker.obj" \
 "$(INTDIR)\jk_ajp13.obj" \
 "$(INTDIR)\jk_ajp13_worker.obj" \
 "$(INTDIR)\jk_ajp14.obj"
 \
 "$(INTDIR)\jk_ajp14_worker.obj" \
 "$(INTDIR)\jk_ajp_common.obj" \
 "$(INTDIR)\jk_connect.obj" \
 "$(INTDIR)\jk_context.obj" \
 "$(INTDIR)\jk_lb_worker.obj" \
 "$(INTDIR)\jk_map.obj" \
 "$(INTDIR)\jk_md5.obj" \
 "$(INTDIR)\jk_msg_buff.obj" \
 "$(INTDIR)\jk_pool.obj" \
 "$(INTDIR)\jk_shm.obj" \
 "$(INTDIR)\jk_sockbuf.obj" \
 "$(INTDIR)\jk_status.obj" \
 "$(INTDIR)\jk_uri_worker_map.obj" \
 "$(INTDIR)\jk_url.obj" \
 "$(INTDIR)\jk_util.obj" \
 "$(INTDIR)\jk_worker.obj" \
 "$(INTDIR)\jk.res" \
 "$(INTDIR)\mod_jk.obj"

"$(OUTDIR)\$(TARGET).so" : "$(OUTDIR)" $(DEF_FILE) $(LINK32_OBJS)
   $(LINK32) @<<
 $(LINK32_FLAGS) $(LINK32_OBJS)
<<
 @IF EXIST $(OUTDIR)\$(TARGET).manifest \
  mt -nologo -manifest $(OUTDIR)\$(TARGET).manifest -outputresource:$(OUTDIR)\$(TARGET).so;2


CPP_PROJ=-nologo -MD -W3 -O2 -Ob2 -Oy- -Zi -EHsc /I "..\common" /I "$(APACHE2_HOME)\include" /D
"NDEBUG" /D "WIN32" /D "_WINDOWS" $(CFLAGS) /Fo"$(INTDIR)\\" /Fd"$(INTDIR)\mod_jk_src" /FD /c

.c{$(INTDIR)}.obj::
   $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cpp{$(INTDIR)}.obj::
  $(CPP) @<<
```

```
  $(CPP_PROJ) $<
<<

.cxx{$(INTDIR)}.obj::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.c{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cpp{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

.cxx{$(INTDIR)}.sbr::
  $(CPP) @<<
  $(CPP_PROJ) $<
<<

MTL_PROJ=/nologo /D "NDEBUG" /mktyplib203 /win32
RSC_PROJ=/l 0x409 /fo"$(INTDIR)\jk.res" /i "..\common" /d BASENAME="mod_jk" /d "NDEBUG"

SOURCE=..\common\jk.rc

"$(INTDIR)\jk.res" : $(SOURCE) "$(INTDIR)"
  $(RSC) $(RSC_PROJ) $(SOURCE)


SOURCE=..\common\jk_ajp12_worker.c

"$(INTDIR)\jk_ajp12_worker.obj" : $(SOURCE) "$(INTDIR)"
  $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_ajp13.c

"$(INTDIR)\jk_ajp13.obj" : $(SOURCE) "$(INTDIR)"
  $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_ajp13_worker.c

"$(INTDIR)\jk_ajp13_worker.obj" : $(SOURCE) "$(INTDIR)"
  $(CPP) $(CPP_PROJ) $(SOURCE)
```

```
SOURCE=..\common\jk_ajp14.c

"$(INTDIR)\jk_ajp14.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP)
 $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_ajp14_worker.c

"$(INTDIR)\jk_ajp14_worker.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_ajp_common.c

"$(INTDIR)\jk_ajp_common.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_connect.c

"$(INTDIR)\jk_connect.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_context.c

"$(INTDIR)\jk_context.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_lb_worker.c

"$(INTDIR)\jk_lb_worker.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_map.c

"$(INTDIR)\jk_map.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_md5.c

"$(INTDIR)\jk_md5.obj" : $(SOURCE) "$(INTDIR)"
```

```
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_msg_buff.c

"$(INTDIR)\jk_msg_buff.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_pool.c

"$(INTDIR)\jk_pool.obj"
 : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_shm.c

"$(INTDIR)\jk_shm.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_sockbuf.c

"$(INTDIR)\jk_sockbuf.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_status.c

"$(INTDIR)\jk_status.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_uri_worker_map.c

"$(INTDIR)\jk_uri_worker_map.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_url.c

"$(INTDIR)\jk_url.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)


SOURCE=..\common\jk_util.c
```

"$(INTDIR)\jk_util.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)

SOURCE=..\common\jk_worker.c

"$(INTDIR)\jk_worker.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)

SOURCE=.\mod_jk.c

"$(INTDIR)\mod_jk.obj" : $(SOURCE) "$(INTDIR)"
 $(CPP) $(CPP_PROJ) $(SOURCE)
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#

#
# NetWare Makefile for mod_jk (uses build system of Apache 2.x - gnu make)
# created by Guenter Knauf <fuankg@apache.org>
#

#
# Declare the sub-directories to be built here
#

SUBDIRS = \
 $(EOLIST)

#
# Get the
 'head' of the build environment.  This includes default targets and
# paths to tools
#

include $(AP_WORK)/build/NWGNUhead.inc

#
# build this level's files

#
# Make sure all needed macro's are defined
#

JKCOMMON = ../common

#
# These directories will be at the beginning of the include list, followed by
# INCDIRS
#
XINCDIRS += \
   $(JKCOMMON) \
   $(APR)/include \
```

```
  $(APRUTIL)/include \
  $(AP_WORK)/include \
  $(NWOS) \
  $(EOLIST)

#
# These flags will come after CFLAGS
#
XCFLAGS  += \
  $(EOLIST)

#
# These defines will come after DEFINES
#
XDEFINES += \
  -D__NOVELL_LIBC__ \
  -D_POSIX_SOURCE \
  $(EOLIST)

#
# These flags will be added to the link.opt file
#
XLFLAGS  += \
  $(EOLIST)

#
# These values will be appended to the correct variables based on the value of
# RELEASE
#
ifeq "$(RELEASE)" "debug"
XINCDIRS += \
  $(EOLIST)

XCFLAGS  += \
  $(EOLIST)

XDEFINES += \
  $(EOLIST)

XLFLAGS  += \
  $(EOLIST)
endif

ifeq "$(RELEASE)" "noopt"
XINCDIRS += \
  $(EOLIST)

XCFLAGS  +=
```

```
 \
  $(EOLIST)

XDEFINES += \
  $(EOLIST)

XLFLAGS  += \
  $(EOLIST)
endif

ifeq "$(RELEASE)" "release"
XINCDIRS += \
  $(EOLIST)

XCFLAGS  += \
  $(EOLIST)

XDEFINES += \
  $(EOLIST)

XLFLAGS  += \
  $(EOLIST)
endif

#
# These are used by the link target if an NLM is being generated
# This is used by the link 'name' directive to name the nlm.  If left blank
# TARGET_nlm (see below) will be used.
#
NLM_NAME = mod_jk

#
# This is used by the link '-desc ' directive.
# If left blank, NLM_NAME will be used.
#
NLM_DESCRIPTION = Apache $(VERSION_STR) plugin for Tomcat $(JK_VERSION_STR)

#
# This is used by the link '-copy ' directive.
# If left blank, the ASF copyright defined in NWGNUtail.inc will be used.
#
NLM_COPYRIGHT =

#
# This is used by the '-threadname' directive.  If left blank,
# NLM_NAME Thread will be used.
#
NLM_THREAD_NAME = JK Module
```

```
#
# If this is specified, it will override VERSION value in
# $(AP_WORK)\build\NWGNUenvironment.inc
#
NLM_VERSION = $(JK_VERSION)

#
#
 If this is specified, it will override the default of 64K
#
NLM_STACK_SIZE = 49152


#
# If this is specified it will be used by the link '-entry' directive
#
NLM_ENTRY_SYM = _LibCPrelude

#
# If this is specified it will be used by the link '-exit' directive
#
NLM_EXIT_SYM = _LibCPostlude

#
# If this is specified it will be used by the link '-check' directive
#
NLM_CHECK_SYM =

#
# If these are specified it will be used by the link '-flags' directive
#
NLM_FLAGS = AUTOUNLOAD, PSEUDOPREEMPTION

#
# If this is specified it will be linked in with the XDCData option in the def
# file instead of the default of $(NWOS)/apache.xdc.  XDCData can be disabled
# by setting APACHE_UNIPROC in the environment
#
XDCDATA  =

#
# If there is an NLM target, put it here
#
TARGET_nlm = \
 $(OBJDIR)/$(NLM_NAME).nlm \
 $(EOLIST)
```

```
#
# If there is an LIB target, put it here
#
TARGET_lib = \
 $(EOLIST)

#
# These are the OBJ files needed to create the NLM target above.
# Paths must all use the
 '/' character
#
FILES_nlm_objs = \
 $(OBJDIR)/jk_nwmain.o \
 $(OBJDIR)/jk_ajp12_worker.o \
 $(OBJDIR)/jk_ajp13.o \
 $(OBJDIR)/jk_ajp13_worker.o \
 $(OBJDIR)/jk_ajp14.o \
 $(OBJDIR)/jk_ajp14_worker.o \
 $(OBJDIR)/jk_ajp_common.o \
 $(OBJDIR)/jk_connect.o \
 $(OBJDIR)/jk_context.o \
 $(OBJDIR)/jk_lb_worker.o \
 $(OBJDIR)/jk_map.o \
 $(OBJDIR)/jk_md5.o \
 $(OBJDIR)/jk_msg_buff.o \
 $(OBJDIR)/jk_pool.o \
 $(OBJDIR)/jk_shm.o \
 $(OBJDIR)/jk_sockbuf.o \
 $(OBJDIR)/jk_status.o \
 $(OBJDIR)/jk_uri_worker_map.o \
 $(OBJDIR)/jk_url.o \
 $(OBJDIR)/jk_util.o \
 $(OBJDIR)/jk_worker.o \
 $(OBJDIR)/mod_jk.o \
 $(EOLIST)

#
# These are the LIB files needed to create the NLM target above.
# These will be added as a library command in the link.opt file.
#
FILES_nlm_libs = \
 $(NOVELLLIBC)/imports/libcpre.o \
 $(EOLIST)

#
# These are the modules that the above NLM target depends on to load.
# These will be added as a module command in the link.opt file.
#
```

```
FILES_nlm_modules = \
 aprlib \
 libc \
 $(EOLIST)

#
#
 If the nlm has a msg file, put it's path here
#
FILE_nlm_msg =

#
# If the nlm has a hlp file put it's path here
#
FILE_nlm_hlp =

#
# If this is specified, it will override $(NWOS)\copyright.txt.
#
FILE_nlm_copyright =

#
# Any additional imports go here
#
FILES_nlm_Ximports = \
 @aprlib.imp \
 @httpd.imp \
 @libc.imp \
 @ws2nlm.imp \
 $(EOLIST)

#
# Any symbols exported to here
#
FILES_nlm_exports = \
 jk_module \
 $(EOLIST)

#
# These are the OBJ files needed to create the LIB target above.
# Paths must all use the '/' character
#
FILES_lib_objs = \
 $(EOLIST)

#
# implement targets and dependancies (leave this section alone)
#
```

```
libs :: $(OBJDIR) $(TARGET_lib)

nlms :: libs $(TARGET_nlm)

#
# Updated this target to create necessary directories and copy files to the
# correct place.  (See $(AP_WORK)\build\NWGNUhead.inc for examples)
#
install :: nlms FORCE
 copy $(OBJDIR)\*.nlm $(INSTALL)\Apache2\modules\*.*

#
# Any specialized rules here
#

vpath %.c $(JKCOMMON)

$(OBJDIR)/version.inc:
 $(JKCOMMON)/jk_version.h $(OBJDIR)
 @echo Creating $@
 @awk -f ../../support/get_ver.awk $< > $@



#
# Include the version info retrieved from jk_version.h
#

-include $(OBJDIR)/version.inc

#
# Include the 'tail' makefile that has targets that depend on variables defined
# in this makefile
#

include $(AP_WORK)/build/NWGNUtail.inc
```

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```
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PGM
CRTCMOD MODULE(MOD_JK/MOD_JK) +
  SRCSTMF('/home/apache/jk/native/apache-2.0/mod_jk.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' + 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('mod_jk.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP_COM) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp_common.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' + 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_ajp_common.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP12_W) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp12_worker.c')
 +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' + 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_ajp12_worker.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP13) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp13.c') +
```

```
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' + 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_ajp13.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP13_W) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp13_worker.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5'
 '_REENTRANT') +
  TEXT('jk_ajp13_worker.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP14) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp14.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_ajp14.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_AJP14_W) +
  SRCSTMF('/home/apache/jk/native/common/jk_ajp14_worker.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_ajp14_worker.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF)
 +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
```

```
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_CONNECT) +
  SRCSTMF('/home/apache/jk/native/common/jk_connect.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT' +
       'USE_SO_RCVTIMEO' + 'USE_SO_SNDTIMEO' ) +
  TEXT('jk_connect.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_CONTEXT) +
  SRCSTMF('/home/apache/jk/native/common/jk_context.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_context.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED)
 +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_LB_WORK) +
  SRCSTMF('/home/apache/jk/native/common/jk_lb_worker.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_lb_worker.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_MAP) +
  SRCSTMF('/home/apache/jk/native/common/jk_map.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
```

```
        '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_map.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD
 MODULE(MOD_JK/JK_MD5) +
  SRCSTMF('/home/apache/jk/native/common/jk_md5.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
        '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_md5.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_MSG_BUF) +
  SRCSTMF('/home/apache/jk/native/common/jk_msg_buff.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
        '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_msg_buff.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_POOL) +
  SRCSTMF('/home/apache/jk/native/common/jk_pool.c') +
   DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
        '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_pool.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
```

```
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_SOCKBUF) +
  SRCSTMF('/home/apache/jk/native/common/jk_sockbuf.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_sockbuf.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_URI_W_M) +
  SRCSTMF('/home/apache/jk/native/common/jk_uri_worker_map.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT')
 +
  TEXT('jk_uri_worker_map.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_URL) +
  SRCSTMF('/home/apache/jk/native/common/jk_url.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_url.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_UTIL) +
  SRCSTMF('/home/apache/jk/native/common/jk_util.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_util.c') +
  OPTIMIZE(40) +
```

```
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +

  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_WORKER) +
  SRCSTMF('/home/apache/jk/native/common/jk_worker.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_worker.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_STATUS) +
  SRCSTMF('/home/apache/jk/native/common/jk_status.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_status.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common'
 '/QIBM/ProdData/HTTPA/Include')

CRTCMOD MODULE(MOD_JK/JK_SHM) +
  SRCSTMF('/home/apache/jk/native/common/jk_shm.c') +
  DEFINE('AS400' 'AS400_UTF8' 'HAVE_APR' +
       '_XOPEN_SOURCE=520' 'USE_APACHE_MD5' '_REENTRANT') +
  TEXT('jk_shm.c') +
  OPTIMIZE(40) +
  LOCALETYPE(*LOCALEUTF) +
  SYSIFCOPT(*IFSIO) +
  LANGLVL(*EXTENDED) +
  TERASPACE(*YES) +
  TGTRLS(*CURRENT) +
  INCDIR('/home/apache/jk/native/common' '/QIBM/ProdData/HTTPA/Include')
```

```
CRTSRVPGM SRVPGM(MOD_JK/MOD_JK) +
    MODULE(MOD_JK/MOD_JK +
         MOD_JK/JK_AJP_COM MOD_JK/JK_AJP12_W +
         MOD_JK/JK_AJP13 MOD_JK/JK_AJP13_W +
         MOD_JK/JK_AJP14 MOD_JK/JK_AJP14_W +
         MOD_JK/JK_CONNECT MOD_JK/JK_CONTEXT +
         MOD_JK/JK_LB_WORK +
         MOD_JK/JK_MAP MOD_JK/JK_MD5 +
         MOD_JK/JK_MSG_BUF MOD_JK/JK_POOL +
         MOD_JK/JK_SOCKBUF MOD_JK/JK_URI_W_M +
         MOD_JK/JK_URL +
         MOD_JK/JK_UTIL MOD_JK/JK_WORKER +

   MOD_JK/JK_STATUS MOD_JK/JK_SHM) +
    EXPORT(*SRCFILE) +
    BNDDIR() +
    TGTRLS(*CURRENT) +
    SRCFILE(MOD_JK/QSRVSRC) +
    SRCMBR(MOD_JK) +
    USRPRF(*USER) +
    BNDSRVPGM(QHTTPSVR/QZSRAPR QHTTPSVR/QZSRCORE +
          QHTTPSVR/QZSRXMLP QHTTPSVR/QZSRSDBM) +
    TEXT('Apache Tomcat mod_jk connector module')

ENDPGM
```

1.293 gdbm 1.23

1.293.1 Available under license :

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Version 3, 29 June 2007

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those activities but
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long as you offer spare parts or
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medium customarily used for software interchange, for a price no
more than your reasonable cost of physically performing this
conveying of source, or (2) access to copy the
Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the
written offer to provide the Corresponding Source. This
alternative is allowed only occasionally and noncommercially, and
only if you received the object code with such an offer, in accord
with subsection 6b.

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

e) Convey the object code using peer-to-peer transmission, provided
you inform other peers where the object code and Corresponding
Source of the work are being offered to the general public at no
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A separable portion of the object code, whose source code is excluded

from the Corresponding Source as a System Library, need not be included in conveying the
object code work.

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requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

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1.294 pango 1.50.4

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

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

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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b) Accompany
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1.295 nfs-utils 2.6.1

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1.298 open-ldap 2.5.16

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1.301 zeromq 4.3.4

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wepoll - epoll for Windows
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uganda.txt   For Vim version 9.1. Last change: 2022 Mar 02

    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:

 https://iccf-holland.org/
 https://www.vim.org/iccf/
 https://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 maintainers are listed here: https://github.com/orgs/vim/people.
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
usually 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 in the past 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. Although AIDS
is now mostly under control, the problems are 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 clinic at the project, which provides children and their family medical help. Since 2020 a maternity ward was added and 24/7 service is available. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

donate

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

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

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

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

If you have any further questions, send me e-mail: <Bram@vim.org>.

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

Sending money: *iccf-donations*

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

USA: The methods mentioned below can be used.
If you must send a check send it to our Canadian partner:
https://www.kuwasha.net/

Canada: Contact Kuwasha in Surrey, Canada. They take care of the
Canadian sponsors for the children in Kibaale. Kuwasha
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. Look on their site for information about
sponsorship: https://www.kuwasha.net/
If you make a donation to Kuwasha you will receive a tax
receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting
ICCF Holland" in
Amersfoort. This will allow for tax deduction if you live in
Holland. ING bank, 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:
https://iccf-holland.org/germany.html

Europe: Use a bank transfer if possible. 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:
https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q
The e-mail address for sending the money to is:
Bram@iccf-holland.org

Others: Transfer to this account if possible:
ING bank: IBAN: NL95 INGB 0004 5487 74
Swift code: INGBNL2A
under the name "stichting ICCF Holland", Amersfoort
Checks are
not accepted.

vim:tw=78:ts=8:noet:ft=help:norl:

1.308 xmlsec 1.2.33

1.308.1 Available under license :

See Copyright file for information about the copyright
xmlsec, xmlsec-openssl, xmlsec-gnutls, xmlsec-gcrypt libraries
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xmlsec-nss library

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xmlsec-mscrypto library

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xmlsec-mscng library

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References

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http://www.aleksey.com/pipermail/xmlsec/2003/005488.html
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* Cordys R&D BV
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* Cryptocom LTD
http://www.aleksey.com/pipermail/xmlsec/2006/007410.html

1.309 gnutls 3.7.4

1.309.1 Available under license :

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Version 2.1, February 1999

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[This is the first released version of the Lesser GPL. It also counts
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the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
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Licenses are intended to guarantee your freedom to share and change
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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.

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

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is

included without
limitation in the term "modification".)

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

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

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

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

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

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

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

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

d) If a facility in the modified
Library refers to a function or a
table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that,

in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

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

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

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.

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That's all there is to it!
/* Extract the last component (base name) of a file name.

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#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif

/*
 Return the address of the last file name component of FILENAME.
 If FILENAME has some trailing slash(es), they are considered to be
 part of the last component.
 If FILENAME has no relative file name components because it is a file
 system root, return the empty string.
 Examples:
        FILENAME   RESULT
        "foo.c"   "foo.c"
        "foo/bar.c"   "bar.c"

```
            "/foo/bar.c"  "bar.c"
            "foo/bar/"    "bar/"
            "foo/bar//"   "bar//"
            "/"           ""
            "//"          ""
            ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
   function name because
     * Various platforms have different functions in their libc.
       In particular, the glibc basename(), defined in <string.h>, does
       not consider trailing slashes to be part of the component:
            FILENAME
       RESULT
            "foo/bar/"    ""
            "foo/bar//"   ""
     * The 'basename' command eliminates trailing slashes and for a root
       produces a non-empty result:
            FILENAME      RESULT
            "foo/bar/"    "bar"
            "foo/bar//"   "bar"
            "/"           "/"
            "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
   Typically FILENAME is the value returned by base_name or last_component.
   Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;


#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

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##
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*/
#include <net-snmp/system/generic.h>
```

```
/*
* the bsd route symbol adds an 's' at the end to this symbol name
*/
#undef RTTABLES_SYMBOL
#define RTTABLES_SYMBOL "rt_tables"

/*
* BSD systems use a different method of looking up sockaddr_in values
*/
#define NEED_KLGETSA 1

#define UTMP_HAS_NO_TYPE 1
#define UTMP_HAS_NO_PID 1
```

1.311 inotify-tools 3.22.1.0

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1.313 kmod 29

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  02110-1301, USA.  */


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#define __VTV_H__

/* We could have used an enumeration here but it just makes it more
  difficult for the compiler to generate a call to this.  These are
  used as arguments to the function __VLTChangePermission, declared
  below.  */
#define __VLTP_READ_ONLY  0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size.  */
#define VTV_PAGE_SIZE 4096
#else
#if defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#else
#define VTV_PAGE_SIZE 4096
#endif
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```

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

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is

included without
limitation in the term "modification".)

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

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

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

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

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

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

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

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

d) If a facility in the modified
Library refers to a function or a
table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that,

in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

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

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

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.

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

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

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[This is the first released version of the library GPL. It is
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Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some
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this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

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

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or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link a program with the library, you must provide
complete object files to the recipients so that they can relink them
with the library, after making

changes to the library and recompiling
it. And you must show them these terms so they know their rights.

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

Also, for each distributor's protection, we want to make certain
that everyone understands that there is no warranty for this free
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want its recipients to know that what they have is not the original
version, so that any problems introduced by others will not reflect on
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Finally, any free program is threatened constantly by software
patents. We wish to avoid the danger that companies distributing free
software will individually obtain patent licenses, thus in effect
transforming the program into proprietary software. To prevent this,
we have made it clear that any patent must be licensed
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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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"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
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1. You may copy and distribute verbatim copies of the Library's
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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
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b) You must cause the files modified to carry prominent notices
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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.

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

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

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

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the

copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

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

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

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

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

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

++++++++++++++++

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

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

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

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

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

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

The Intel 80386 machine description was written by Eliot Dresselhaus.

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

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

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

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

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

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT
syntaxes for the 68k, completed support for some COFF targets (68k,

i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

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

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

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

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

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

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

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

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

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

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

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1.317 sysv-init 3.01

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1.318 icu 70.1

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layout: default
title: Legalities
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-*-makefile-*-
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Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

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

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

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

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

Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

Shared object suffix
SO = so
Non-shared intermediate object suffix
STATIC_O = ao

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

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


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

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

## Versioned libraries rules

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

##  Bind internal references

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

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

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

## End BSD-specific setup
```

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1.320 lsof 4.94.0

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/opt/cola/permits/2634185723_1759119893.4891255/0/lsof-org-lsof-4-94-0-0-g005e014-1-tar-gz/lsof-org-lsof-005e014/dialects/uw/uw7/sys/fs/namenode.h/*
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/opt/cola/permits/2634185723_1759119893.4891255/0/lsof-org-lsof-4-94-0-0-g005e014-1-tar-gz/lsof-org-lsof-005e014/scripts/idrlogin.perl5#!/usr/local/bin/perl
/opt/cola/permits/2634185723_1759119893.4891255/0/lsof-org-lsof-4-94-0-0-g005e014-1-tar-gz/lsof-org-lsof-005e014/scripts/list_NULf.perl5#!/usr/local/bin/perl
/opt/cola/permits/2634185723_1759119893.4891255/0/lsof-org-lsof-4-94-0-0-g005e014-1-tar-gz/lsof-org-lsof-005e014/scripts/list_fields.awk#
 $Id: list_fields.awk,v 1.3 97/09/23 09:32:38 abe Exp $
/opt/cola/permits/2634185723_1759119893.4891255/0/lsof-org-lsof-4-94-0-0-g005e014-1-tar-gz/lsof-org-lsof-005e014/scripts/list_fields.perl#!/usr/local/bin/perl4
/opt/cola/permits/2634185723_1759119893.4891255/0/lsof-org-lsof-4-94-0-0-g005e014-1-tar-gz/lsof-org-lsof-005e014/scripts/shared.perl5#!/usr/local/bin/perl
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Found
in path(s):
*
No license file was found, but licenses were detected in source scan.

Notes for the distribution of lsof version 4

Found in path(s):
* /lsof-org-lsof-4-94-0-0-g005e014-1-tar-gz/lsof-org-lsof-005e014/00DIST

1.321 protobuf-c 1.4.1

1.321.1 Available under license :

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1.322 python-pip 22.0.3

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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
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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
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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes

2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
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2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
2.1.1		2001-now	PSF	yes

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 - cipher/sha256-avx2-bmi2-amd64.S
 - cipher/sha256-ssse3-amd64.S
 - cipher/sha512-avx-amd64.S
 - cipher/sha512-avx2-bmi2-amd64.S
 - cipher/sha512-ssse3-amd64.S
 - cipher/sha512-ssse3-i386.c

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1.334 rrdtool 1.8.0

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Id

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Florian octo Forster <rrdtool nospam.verplant.org> rrd_restore libxml2 rewrite, deprecated function export, rrdcached
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Jost.Krieger
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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
Melchior Rabe <rrdtool at mrab.de> -- legend position patch
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Patrick Cherry <patrick with bytemark.co.uk>
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Peter Stamfest <peter with stamfest.at> initial multi-thread support
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Roman Hoogant <rhoogant with ee.ethz.ch>
Ronan Mullally <ronan in 4L.ie>
Roger J. Meier <roger.meier in terreactive.ch> (arbitrary linelength in rrdtool)
Russ Wright <rwwright with home.com>
Sean Summers <sean with Fenstermaker.com> (RPM .spec)
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Shane O'Donnell <shaneo with opennms.org>
Simon Leinen <simon with switch.ch>
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Steve Harris <steveh with wesley.com.au>
AIX portability
Steve Rader <rader with teak.wiscnet.net> (rrd_cgi debugging and LAST)
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Tobias Weingartner <weingart with cs.ualberta.ca>
Thomas Gutzler <thomas.gutzler with gmail.com> dashed lines
Tom Crawley <Tom.Crawley with hi.riotinto.com.au> (GCC&HP configuration)
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Tuc <ttsg with ttsg.com>
Ulf Lilleengen <lulf with pvv.ntnu.no> Python binding for 'rrdtool first'
Ulrich Schilling <schilling with netz.uni-essen.de> AIX
Wim Heirman <wim.heirman elis.ugent.be> --units=si option
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Vytautas Zdanavicius <vytaszd@yahoo.com> -- python argument list expander
Martin Sperl <rrdtool martin.sperl.org> (CDEF prediction functions, libdbi)
Philippe Simonet <philippe.simonet with swisscom.ch> (Windows Binaries)
Alexander Lucke (lucke with dns-net.de) of DNS:NET Internet
Services (www.dns-net.de) http://rrdtool.org
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#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

/* This file uses _GL_ATTRIBUTE_PURE. */
#if !_GL_CONFIG_H_INCLUDED
#error "Please include config.h first."
#endif

#include <stddef.h>

#ifndef
 DOUBLE_SLASH_IS_DISTINCT_ROOT
define DOUBLE_SLASH_IS_DISTINCT_ROOT 0

```
#endif

#ifdef __cplusplus
extern "C" {
#endif


/* Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME      RESULT
          "foo.c"       "foo.c"
          "foo/bar.c"   "bar.c"
          "/foo/bar.c"  "bar.c"
          "foo/bar/"    "bar/"
          "foo/bar//"   "bar//"
          "/"           ""
          "//"          ""
          ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(),
 defined in <string.h>, does
      not consider trailing slashes to be part of the component:
          FILENAME      RESULT
          "foo/bar/"    ""
          "foo/bar//"   ""
    * The 'basename' command eliminates trailing slashes and for a root
      produces a non-empty result:
          FILENAME      RESULT
          "foo/bar/"    "bar"
          "foo/bar//"   "bar"
          "/"           "/"
          "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;
```

```
#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

1.336 iproute 5.17.0

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  along with this program.  If not, see <https://www.gnu.org/licenses/>.  */

#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/*
 Return the address of the last file name component of FILENAME.
 If FILENAME has some trailing slash(es), they are considered to be
 part of the last component.
 If FILENAME has no relative file name components because it is a file
 system root, return the empty string.
 Examples:
        FILENAME      RESULT
        "foo.c"       "foo.c"
        "foo/bar.c"   "bar.c"
        "/foo/bar.c"  "bar.c"
        "foo/bar/"    "bar/"
        "foo/bar//"   "bar//"
        "/"           ""
        "//"          ""
        ""            ""
 The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
 function name because
   * Various platforms have different functions in their libc.
```

```
     In particular, the glibc basename(), defined in <string.h>, does
     not consider trailing slashes to be part of the component:
          FILENAME
     RESULT
          "foo/bar/"    ""
          "foo/bar//"   ""
   * The 'basename' command eliminates trailing slashes and for a root
     produces a non-empty result:
          FILENAME      RESULT
          "foo/bar/"    "bar"
          "foo/bar//"   "bar"
          "/"           "/"
          "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;


#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

1.342 rsync 3.2.5

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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:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
  <xsl:if test="translate($rest, '&#9;&#32;', '')">
    <xsl:call-template name="isc.copyright.format">
     <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
 </xsl:template>

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

 <xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
   <xsl:with-param name="text">
    <xsl:for-each select="db:book/db:info/db:copyright | db:refentry/db:docinfo/db:copyright">
  <xsl:text>Copyright (C) </xsl:text>
```

```
  <xsl:call-template name="copyright.years">
    <xsl:with-param name="years" select="db:year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="db: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>
</xsl:stylesheet>

<!--
 - Local variables:
 - mode: sgml
 - End:
-->
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1.344 libpng 1.6.39

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1.347 screen 4.9.0

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1.350 inetutils 2.2

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#ifndef IFCONFIG_SYSTEM_BSD_H
# define IFCONFIG_SYSTEM_BSD_H
# include "../printif.h"
# include "../options.h"
# include <sys/sockio.h>

/* BSD
 variant chooser.  */
# if defined __DragonFly__
#  define IU_BSD_TYPE "dragonfly"
# elif defined __FreeBSD__
#  define IU_BSD_TYPE "freebsd"
# elif defined __FreeBSD_kernel__
#  define IU_BSD_TYPE "GNU/kFreeBSD"
# elif defined __NetBSD__
#  define IU_BSD_TYPE "netbsd"
# elif defined __OpenBSD__
#  define IU_BSD_TYPE "openbsd"
#  define ETHERNAME "lladdr"
# else /* Exotic BSD versions.  */
#  define IU_BSD_TYPE "unknownbsd"
# endif

# ifndef ETHERNAME
#  define ETHERNAME "ether"
# endif
```

```
/* Option support.  */

# undef SYSTEM_SHORT_OPTIONS
# undef SYSTEM_LONG_OPTIONS

struct system_ifconfig
{
 int valid;
};


/* Output format support.  */

# define _IU_CAT2(a, b) a ## b
# define _IU_DCL(name, fld)    \
 {#name, _IU_CAT2(system_fh_, fld) }
# define _IU_EXTRN(fld)    \
 extern void _IU_CAT2(system_fh_, fld) (format_data_t, int, char *[]); \

# define SYSTEM_FORMAT_HANDLER \
 {"bsd", fh_nothing},  \
 {IU_BSD_TYPE, fh_nothing}, \
 {"brdaddr?", system_fh_brdaddr_query}, \
 {"brdaddr",
 system_fh_brdaddr}, \
 {"hwaddr?", system_fh_hwaddr_query}, \
 {"hwaddr", system_fh_hwaddr}, \
 {"hwtype?", system_fh_hwtype_query}, \
 {"hwtype", system_fh_hwtype}, \
 {"media?", system_fh_media_query}, \
 {"media", system_fh_media}, \
 {"netmask?", system_fh_netmask_query}, \
 {"netmask", system_fh_netmask}, \
 {"status?", system_fh_status_query}, \
 {"status", system_fh_status}, \
 {"tunnel?", system_fh_tunnel_query}, \
 {"tundst", system_fh_tundst}, \
 {"tunsrc", system_fh_tunsrc}, \
 {"ifstat?", system_fh_ifstat_query}, \
 _IU_DCL (collisions, collisions), \
 _IU_DCL (rxbytes, rx_bytes), \
 _IU_DCL (rxdropped, rx_dropped), \
 _IU_DCL (rxerrors, rx_errors), \
 {"rxfifoerr", system_fh_missing_stat}, \
 {"rxframeerr", system_fh_missing_stat}, \
 _IU_DCL (rxpackets, rx_packets), \
```

```
 _IU_DCL (txbytes, tx_bytes), \
 {"txcarrier", system_fh_missing_stat}, \
 _IU_DCL (txdropped, tx_dropped), \
 _IU_DCL (txerrors, tx_errors), \
 {"txfifoerr", system_fh_missing_stat},
 \
 _IU_DCL (txpackets, tx_packets),

void system_fh_brdaddr_query (format_data_t form, int argc, char *argv[]);
void system_fh_brdaddr (format_data_t form, int argc, char *argv[]);
void system_fh_hwaddr_query (format_data_t form, int argc, char *argv[]);
void system_fh_hwaddr (format_data_t form, int argc, char *argv[]);
void system_fh_hwtype_query (format_data_t form, int argc, char *argv[]);
void system_fh_hwtype (format_data_t form, int argc, char *argv[]);
void system_fh_media_query (format_data_t form, int argc, char *argv[]);
void system_fh_media (format_data_t form, int argc, char *argv[]);
void system_fh_netmask_query (format_data_t form, int argc, char *argv[]);
void system_fh_netmask (format_data_t form, int argc, char *argv[]);
void system_fh_status_query (format_data_t form, int argc, char *argv[]);
void system_fh_status (format_data_t form, int argc, char *argv[]);
void system_fh_tunnel_query (format_data_t form, int argc, char *argv[]);
void system_fh_tundst (format_data_t
 form, int argc, char *argv[]);
void system_fh_tunsrc (format_data_t form, int argc, char *argv[]);

void system_fh_ifstat_query (format_data_t form, int argc, char *argv[]);
void system_fh_missing_stat (format_data_t form, int argc, char *argv[]);

_IU_EXTRN (rx_bytes)
_IU_EXTRN (tx_bytes)
_IU_EXTRN (rx_dropped)
_IU_EXTRN (tx_dropped)
_IU_EXTRN (rx_errors)
_IU_EXTRN (tx_errors)
_IU_EXTRN (rx_packets)
_IU_EXTRN (tx_packets)
_IU_EXTRN (collisions)

#endif /* IFCONFIG_SYSTEM_BSD_H */
/* Extract the last component (base name) of a file name.
```


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#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/*
 Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME      RESULT
          "foo.c"       "foo.c"
          "foo/bar.c"   "bar.c"
          "/foo/bar.c"  "bar.c"
          "foo/bar/"    "bar/"
          "foo/bar//"   "bar//"
          "/"           ""
          "//"          ""
          ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(), defined in <string.h>, does
      not consider trailing slashes to be part of the component:
```

```
 FILENAME      RESULT
          "foo/bar/"    ""
          "foo/bar//"   ""
   * The 'basename' command eliminates trailing slashes and for a root
     produces a non-empty result:
          FILENAME      RESULT
          "foo/bar/"    "bar"
          "foo/bar//"   "bar"
          "/"           "/"
          "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;



#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
```

1.351 python-requests 2.27.1

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1.354 sudo 1.9.13p3

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Bellis, Ray
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The following people have worked to translate sudo into other languages as part of the Translation Project, see https://translationproject.org for more details.

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

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You must
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charge to all third parties under the terms of this License.

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

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

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

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a storage or distribution medium does not bring the other work under
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You may opt to apply the terms of the ordinary GNU General Public
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instead of to this License. (If a newer version than version 2 of the
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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.

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

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

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

However, linking a ``work that uses the Library'' with the Library
creates an executable that is a derivative of the Library (because
it
contains portions of the Library), rather than a ``work that uses the

library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

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

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

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

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

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Library is used in it and that the Library and its use are covered by
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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:

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

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

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

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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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the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

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@subheading END OF TERMS AND CONDITIONS

@page
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In addition, mere aggregation of another work not based on the Program
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cost of physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
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Accompany it with the information you received as to the offer
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 distribution and only if you
received the program in object code or executable form with such
an offer, in accord with Subsection b above.)
@end enumerate

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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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src/arc4random_openbsd.h
src/arc4random_uniform.c
src/arc4random_unix.h
src/arc4random_win.h
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src/freezero.c
src/getentropy_aix.c

src/getentropy_bsd.c
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1.358 protobuf 3.21.6

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This file contains a list of people who have made large contributions
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Original Protocol Buffers design and implementation:
 Sanjay Ghemawat <sanjay@google.com>
 Jeff Dean <jeff@google.com>
 Daniel Dulitz <daniel@google.com>
 Craig Silverstein
 Paul Haahr <haahr@google.com>
 Corey Anderson <corin@google.com>
 (and many others)

Proto2 C++ and Java primary author:
 Kenton Varda <kenton@google.com>

Proto2 Python primary authors:
 Will Robinson <robinson@google.com>
 Petar Petrov <petar@google.com>

Java Nano primary authors:
 Brian Duff <bduff@google.com>
 Tom Chao <chaot@google.com>
 Max Cai <maxtroy@google.com>
 Ulas Kirazci <ulas@google.com>

Large code contributions:
 Jason Hsueh <jasonh@google.com>
 Joseph Schorr <jschorr@google.com>
 Wenbo Zhu <wenboz@google.com>

Large quantity of code reviews:
 Scott Bruce <sbruce@google.com>
 Frank Yellin
 Neal Norwitz <nnorwitz@google.com>
 Jeffrey Yasskin <jyasskin@google.com>
 Ambrose

Feinstein <ambrose@google.com>

Documentation:
Lisa Carey <lcarey@google.com>

Maven packaging:
Gregory Kick <gak@google.com>

Patch contributors:
Kevin Ko <kevin.s.ko@gmail.com>
  * Small patch to handle trailing slashes in --proto_path flag.
Johan Euphrosine <proppy@aminche.com>
  * Small patch to fix Python CallMethod().
Ulrich Kunitz <kune@deine-taler.de>
  * Small optimizations to Python serialization.
Leandro Lucarella <llucax@gmail.com>
  * VI syntax highlighting tweaks.
  * Fix compiler to not make output executable.
Dilip Joseph <dilip.antony.joseph@gmail.com>
  * Heuristic detection of sub-messages when printing unknown fields in
    text format.
Brian Atkinson <nairb774@gmail.com>
  * Added @Override annotation to generated Java code where appropriate.
Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>
  * Tru64 support.
Monty Taylor <monty.taylor@gmail.com>
  * Solaris 10 + Sun Studio fixes.
Alek Storm <alek.storm@gmail.com>

  * Slicing support for repeated scalar fields for the Python API.
Oleg Smolsky <oleg.smolsky@gmail.com>
  * MS Visual Studio error format option.
  * Detect unordered_map in stl_hash.m4.
Brian Olson <brianolson@google.com>
  * gzip/zlib I/O support.
Michael Poole <mdpoole@troilus.org>
  * Fixed warnings about generated constructors not explicitly initializing
    all fields (only present with certain compiler settings).
  * Added generation of field number constants.
Wink Saville <wink@google.com>
  * Fixed initialization ordering problem in logging code.
Will Pierce <willp@nuclei.com>
  * Small patch improving performance of in Python serialization.
Alexandre Vassalotti <alexandre@peadrop.com>
  * Emacs mode for Protocol Buffers (editors/protobuf-mode.el).
Scott Stafford <scott.stafford@gmail.com>
  * Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.
Alexander Melnikov <alm@sibmail.ru>

* HPUX support.
Oliver Jowett <oliver.jowett@gmail.com>
* Detect whether zlib is new enough in configure script.
* Fixes for Solaris 10 32/64-bit confusion.
Evan Jones <evanj@mit.edu>
* Optimize Java serialization code when writing a small message to a stream.
* Optimize Java serialization of strings so that UTF-8 encoding happens only
once per string per serialization call.
* Clean up some Java warnings.
* Fix bug with permanent callbacks that delete themselves when run.
Michael Kucharski <m.kucharski@gmail.com>
* Added CodedInputStream.getTotalBytesRead().
Kacper Kowalik <xarthisius.kk@gmail.com>
* Fixed m4/acx_pthread.m4 problem for some Linux distributions.
William Orr <will@worrbase.com>
* Fixed detection of sched_yield on Solaris.
* Added atomicops for Solaris
Andrew Paprocki <andrew@ishiboo.com>
* Fixed minor IBM xlC compiler build issues
* Added atomicops for AIX (POWER)
Nipunn Koorapati <nipunn1313@gmail.com>
* Provide a type alias field ValueType
on EnumTypeWrapper
* Match service argument names to abstract interface

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1.359 acpid 2.0.33

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1.360 cracklib 2.9.8

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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.

^L

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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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"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 conspicuously and appropriately publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

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

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

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

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

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

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

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

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

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

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

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

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.
^L
Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

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

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

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a

work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

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

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

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

Otherwise, if the work is a derivative of the Library, you may
distribute
the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.
^L
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.
^L
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.>
Copyright (C) <year> <name of author>

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

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor,
Boston, MA 02110-1301 USA

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

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

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!

EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected
in released code until Nov 2009 - slow release cycle...)

Discussion thread from mailing list archive, with approval from everyone actively
involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly
and see if he wants to relicense his code as LGPL... but at this point,
it was enough to just get it consistent and documented as to what it was
released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.=20

-- Nathan
=20

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>=20
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing
> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML
On Monday 01 October 2007, Neulinger, Nathan

wrote:

> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
=20
change until it was mentioned in the latest notes.

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

Re: [Cracklib-devel]
cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

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

-- Nathan
=20

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> > Subject: Re: [Cracklib-devel] cracklib license
>=20
> On Monday 01 October 2007, Neulinger, Nathan wrote:

> > I understand that, and you're welcome to bring it up with Alec
> directly
> > and see if he wants to relicense his code as LGPL... but at this
> point,
> > it was enough to just get it consistent and documented as to what
> it was
> > released under. This wasn't actually a license change, just a
> > clarification of the licensing that was already in place.
>=20
> the original license (before moving to sourceforge -- aka, 2.7) was
> not
> GPL-2 ... it was a modified artistic license ... i didnt notice the
> license
> change until it was mentioned in the latest notes.
>=20
> unlike the old license, GPL-2 prevents people from using cracklib
> unless their
> applications are also GPL-2 which imo is just wrong. it isnt the
> place of a
> library
to dictact to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

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

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I

think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin
--
If it's sinful, it's more fun.

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

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

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

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

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > Seems like the ideal thing here would be for you and the other distro
> > > maintainers to get together with Alec in a conversation and come to a
> > > decision as to what licensing scheme y'all want. I haven't really done
> > > much other than cleaning up the packaging and patches and a small
> > > bit of
> > > additional code, so whatever licensing y'all come up with is fine
> > > by me.
> >
> > I am sympathetic. Guys, what do you reckon?
> >
> > What I am hearing so far is that LGPL makes sense, since it can be
> > linked with any code, not just GPL...
>
> My apologies for not chiming in in anything resembling a reasonable
> timeframe.
>
> I'd also suggest the LGPL, for the reason you noted above. Alternately,
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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:
> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
> > make the change now ?
>
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...
-mike

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

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

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

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

From
alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000

Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
 by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtpr020623
 for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
 by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
 for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from
 [82.68.43.14] (helo=[192.168.1.3])
 by rutherford.zen.co.uk with esmtp (Exim 4.50)
 id 1IcOcX-0004Qt-6L
 for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length:
 585
Lines: 21

>
> ---------- Forwarded message ----------
> From: Neulinger, Nathan <nneul@umr.edu>
> Date: Sep 27, 2007 2:58 PM
> Subject: RE: cracklib license
> To: alecm@crypto.dircon.co.uk
>
> Any chance you could write me a self-contained email stating clearly
> that the license is being changed to GPL, so I could include that
> email
> in the repository and clean up the repository/tarballs? I have all the
> original discussion, but something succinct and self contained
> would be
> ideal.

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

Happy now? :-)

-a

1.361 libuv 1.44.2

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*/

#ifndef UV_BSD_H
#define UV_BSD_H

#define UV_PLATFORM_FS_EVENT_FIELDS                                           \
 uv__io_t event_watcher;                                                      \

#define UV_IO_PRIVATE_PLATFORM_FIELDS                                         \
 int rcount;                                                                  \
 int wcount;                                                                  \

#define UV_HAVE_KQUEUE 1

#endif /* UV_BSD_H */
```

1.362 python3-asn1crypto 1.5.1

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1.370 smartmontools 7.3

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*
*/
general:
  exclude:
    - "\\.git.*"
    - "\\.ci.*"
    - "\\.dockers.*"
    - "build.*"
    - "contrib/jenkins_tests.*"
    - "contrib/valgrind.*"
    - "contrib/xlio-bench.*"
    - "contrib/.*\\.sh"
    - "debian.*"
    - "doc.*"
    - ".*\\.pdf"
    - ".*Makefile\\.am"
    - ".*CHANGES"
    - ".*LICENSE"
    - ".*authors"
    - ".*README"
    - ".*version"
    - ".*copying"
    - ".*news"
    - ".*\\.md"
    - ".*configure\\.ac"
    - ".*Jenkinsfile"
    - ".*\\.docx"
    - ".*\\.txt"
    - ".*\\.log"
    - ".*\\.cmake"
    - ".*\\.png"
    - ".*\\.conf"
```

```
      - ".*\\.awk"
      - ".*\\.pm"
      - ".*autogen\\.sh"
      - ".*\\.sln"
      - ".*\\.vcxproj"
      - ".*\\.vcxproj.filters"
      - ".*\\.props"
      - ".*avner-test-orig"
      - ".*\\.m4"

nbu-open-source:
  include:
     - ".*"
  exclude:
     - ".*tests/gtest/common/tap\\.h"

     - ".*tests/gtest/common/gtest\\.h"
     - ".*tests/gtest/common/gtest-all\\.cpp"
     - ".*tests/gtest/googletest/src/.*"
     - ".*tests/gtest/googletest/include/.*"
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: sockperf
Source: <url://example.com>
###
### Uncomment the following 2 lines to enable uscan to exclude non-DFSG components
### Files-Excluded: command/non-dfsg.exe
###   docs/source/javascripts/jquery-1.7.1.min.js
###
### This is a autogenerated template for debian/copyright.
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### Edit this accordinng to the "Machine-readable debian/copyright file" as
### http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/ .
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uses the
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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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the work with the complete corresponding
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1.379 libvma 9.8.60

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    - "build.*"
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    - ".*configure\\.ac"
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    - ".*\\.docx"
    - ".*\\.txt"
    - ".*\\.log"
    - ".*\\.cmake"
    - ".*\\.png"
    - ".*\\.conf"
    - ".*autogen\\.sh"
    #
    # Auto generated files
    #
    - ".*src/vma/config_parser.*"
    - ".*src/vma/config_scanner\\.c"

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  include:
    - ".*"
  exclude:
    - ".*src/vma/lwip/.*"
    - ".*tests/gtest/common/tap\\.h"
    - ".*tests/gtest/googletest/.*"
    - ".*src/vma/util/list\\.h"
     - ".*contrib/scripts/libvma\\.spec\\.in"
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1.380 libxlio 3.40.2

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    - "build.*"
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    - "contrib/valgrind.*"
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    - ".*Makefile\\.am"
    - ".*CHANGES"
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      - ".*configure\\.ac"
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      - ".*\\.docx"
      - ".*\\.py"
      - ".*\\.txt"
      - ".*\\.log"
      - ".*\\.cmake"
      - ".*\\.png"
      - ".*\\.conf"
      - "tests/nginx/constant_reply_module/config"
      #
      # Auto generated files
      #
      - ".*src/core/config_parser.*"
      - ".*src/core/config_scanner\\.c"

dual_gpl_2_bsd_3:
  validate-spdx-license: True
  include:
     - ".*"
  exclude:
     - ".*src/core/lwip/.*"
     - ".*tests/gtest/common/tap\\.h"
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     - ".*src/core/util/list\\.h"
     - ".*contrib/scripts/libxlio\\.spec\\.in"
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1.383 grub 2.12

1.383.1 Available under license :

```
/* Extract the last component (base name) of a file name.

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  along with this program.  If not, see <https://www.gnu.org/licenses/>.  */

#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/*
 Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME      RESULT
```

```
           "foo.c"       "foo.c"
           "foo/bar.c"   "bar.c"
           "/foo/bar.c"  "bar.c"
           "foo/bar/"    "bar/"
           "foo/bar//"   "bar//"
           "/"           ""
           "//"          ""
           ""            ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
   function name because
     * Various platforms have different functions in their libc.
       In particular, the glibc basename(), defined in <string.h>, does
       not consider trailing slashes to be part of the component:

 FILENAME      RESULT
           "foo/bar/"    ""
           "foo/bar//"   ""
     * The 'basename' command eliminates trailing slashes and for a root
       produces a non-empty result:
           FILENAME      RESULT
           "foo/bar/"    "bar"
           "foo/bar//"   "bar"
           "/"           "/"
           "//"          "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
   Typically FILENAME is the value returned by base_name or last_component.
   Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;



#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
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                  Version 3, 29 June 2007

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                       Preamble
```

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```
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*/

#ifndef GRUB_BSD_CPU_HEADER
#define GRUB_BSD_CPU_HEADER 1

#include <grub/types.h>
#include <grub/relocator.h>

#include <grub/i386/freebsd_reboot.h>
#include <grub/i386/netbsd_reboot.h>
#include <grub/i386/openbsd_reboot.h>
#include <grub/i386/freebsd_linker.h>
#include
 <grub/i386/netbsd_bootinfo.h>
#include <grub/i386/openbsd_bootarg.h>

enum bsd_kernel_types
 {
   KERNEL_TYPE_NONE,
   KERNEL_TYPE_FREEBSD,
   KERNEL_TYPE_OPENBSD,
   KERNEL_TYPE_NETBSD,
 };
```

```
#define GRUB_BSD_TEMP_BUFFER   0x80000

#define FREEBSD_B_DEVMAGIC OPENBSD_B_DEVMAGIC
#define FREEBSD_B_SLICESHIFT OPENBSD_B_CTRLSHIFT
#define FREEBSD_B_UNITSHIFT OPENBSD_B_UNITSHIFT
#define FREEBSD_B_PARTSHIFT OPENBSD_B_PARTSHIFT
#define FREEBSD_B_TYPESHIFT OPENBSD_B_TYPESHIFT

#define FREEBSD_MODTYPE_KERNEL  "elf kernel"
#define FREEBSD_MODTYPE_KERNEL64 "elf64 kernel"
#define FREEBSD_MODTYPE_ELF_MODULE "elf module"
#define FREEBSD_MODTYPE_ELF_MODULE_OBJ "elf obj module"
#define FREEBSD_MODTYPE_RAW  "raw"

#define FREEBSD_BOOTINFO_VERSION 1

struct grub_freebsd_bootinfo
{
 grub_uint32_t version;
 grub_uint8_t unused1[44];
 grub_uint32_t length;
 grub_uint8_t unused2;
 grub_uint8_t boot_device;
 grub_uint8_t unused3[18];
 grub_uint32_t kern_end;
 grub_uint32_t environment;
  grub_uint32_t tags;
} GRUB_PACKED;

struct freebsd_tag_header
{
 grub_uint32_t type;
 grub_uint32_t len;
};

grub_err_t grub_freebsd_load_elfmodule32 (struct grub_relocator *relocator,
       grub_file_t file, int argc,
       char *argv[], grub_addr_t *kern_end);
grub_err_t grub_freebsd_load_elfmodule_obj64 (struct grub_relocator *relocator,
           grub_file_t file, int argc,
           char *argv[],
           grub_addr_t *kern_end);
grub_err_t grub_freebsd_load_elf_meta32 (struct grub_relocator *relocator,
      grub_file_t file,
      const char *filename,
      grub_addr_t *kern_end);
grub_err_t grub_freebsd_load_elf_meta64 (struct grub_relocator *relocator,
      grub_file_t file,
```

```
      const char *filename,
      grub_addr_t *kern_end);

grub_err_t grub_netbsd_load_elf_meta32 (struct grub_relocator *relocator,
    grub_file_t file,
    const char *filename,
    grub_addr_t *kern_end);
grub_err_t grub_netbsd_load_elf_meta64 (struct grub_relocator *relocator,
    grub_file_t
 file,
    const char *filename,
    grub_addr_t *kern_end);

grub_err_t grub_bsd_add_meta (grub_uint32_t type,
        const void *data, grub_uint32_t len);
grub_err_t grub_freebsd_add_meta_module (const char *filename, const char *type,
      int argc, char **argv,
      grub_addr_t addr, grub_uint32_t size);

struct grub_openbsd_ramdisk_descriptor
{
 grub_size_t max_size;
 grub_uint8_t *target;
 grub_uint32_t *size;
};

grub_err_t grub_openbsd_find_ramdisk32 (grub_file_t file,
    const char *filename,
    grub_addr_t kern_start,
    void *kern_chunk_src,
    struct grub_openbsd_ramdisk_descriptor *desc);
grub_err_t grub_openbsd_find_ramdisk64 (grub_file_t file,
    const char *filename,
    grub_addr_t kern_start,
    void *kern_chunk_src,
    struct grub_openbsd_ramdisk_descriptor *desc);

extern grub_uint8_t grub_bsd64_trampoline_start, grub_bsd64_trampoline_end;
extern grub_uint32_t grub_bsd64_trampoline_selfjump;
extern grub_uint32_t grub_bsd64_trampoline_gdt;

#endif
 /* ! GRUB_BSD_CPU_HEADER */
```

1.384 hiredis 1.0.0

1.384.1 Available under license :

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1.385 rshim 2.1.5

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Source: https://github.com/Mellanox/rshim-user-space

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1.386 tipc-utils 2.2.0

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/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/benchmark/common_tipc.h/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/benchmark/server_tipc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/c_api_demo/tipc_c_api_client.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/c_api_demo/tipc_c_api_server.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/c_api_demo/tipc_c_api_top_subscr.c/* ----------
---
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/c_api_demo/tipcc.c/*

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/c_api_demo/tipcc.h/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/connection_demo/client_tipc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/connection_demo/server_tipc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/hello_world/client_tipc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/hello_world/server_tipc.c/*

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/inventory_sim/inventory_sim.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/multicast_demo/client_tipc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/multicast_demo/server_tipc.c/* ----------

/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/stream_demo/client_tipc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/stream_demo/server_tipc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/topology_subscr_demo/client_tipc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/demos/topology_subscr_demo/server_tipc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/multicast_blast/group_cast.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/multicast_blast/mcast_tipc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/multicast_blast/tipcc.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/multicast_blast/tipcc.h/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts.h/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_adapt.h/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_client.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_client_linux.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_common.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_server.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/ptts/tipc_ts_server_linux.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/tipc-pipe/tipc-pipe.c/* ----------
/opt/cola/permits/2637593463_1758890930.8754926/0/tipcutils-2-2-0-1-tar-gz/tipcutils/tipclog/tipc.h/*

Found in path(s):
*
No license file was found, but licenses were detected in source scan.

```
/* ----------
*
* client_tipc.c
*
* Short description: TIPC benchmark demo (client side)
*
```

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

Found
 in path(s):
* /tipcutils-2-2-0-1-tar-gz/tipcutils/demos/benchmark/client_tipc.c
```

1.387 ofed-scripts 24.10

1.387.1 Available under license :

```
Format: http://dep.debian.net/deps/dep5
Upstream-Name: perftest
Source: <url://example.com>

Files: *
Copyright: <years> <put author's name and email here>
        <years> <likewise for another author>
```

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<This follows the format of Description: lines in control file>
.
<Including paragraphs>

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1.388 srp 24.10

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*/
```

1.389 grub-efi 2.12

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```
/* Extract the last component (base name) of a file name.

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#ifndef _BASENAME_LGPL_H
#define _BASENAME_LGPL_H

#include <stddef.h>

#ifndef DOUBLE_SLASH_IS_DISTINCT_ROOT
# define DOUBLE_SLASH_IS_DISTINCT_ROOT 0
#endif

#ifdef __cplusplus
extern "C" {
#endif


/*
 Return the address of the last file name component of FILENAME.
  If FILENAME has some trailing slash(es), they are considered to be
```

```
  part of the last component.
  If FILENAME has no relative file name components because it is a file
  system root, return the empty string.
  Examples:
          FILENAME     RESULT
          "foo.c"      "foo.c"
          "foo/bar.c"  "bar.c"
          "/foo/bar.c" "bar.c"
          "foo/bar/"   "bar/"
          "foo/bar//"  "bar//"
          "/"          ""
          "//"         ""
          ""           ""
  The return value is a tail of the given FILENAME; do NOT free() it!  */

/* This function was traditionally called 'basename', but we avoid this
  function name because
    * Various platforms have different functions in their libc.
      In particular, the glibc basename(), defined in <string.h>, does
      not consider trailing slashes to be part of the component:

 FILENAME     RESULT
          "foo/bar/"   ""
          "foo/bar//"  ""
    * The 'basename' command eliminates trailing slashes and for a root
      produces a non-empty result:
          FILENAME     RESULT
          "foo/bar/"   "bar"
          "foo/bar//"  "bar"
          "/"          "/"
          "//"         "/"
*/
extern char *last_component (char const *filename) _GL_ATTRIBUTE_PURE;

/* Return the length of the basename FILENAME.
  Typically FILENAME is the value returned by base_name or last_component.
  Act like strlen (FILENAME), except omit all trailing slashes.  */
extern size_t base_len (char const *filename) _GL_ATTRIBUTE_PURE;



#ifdef __cplusplus
} /* extern "C" */
#endif

#endif /* _BASENAME_LGPL_H */
                GNU GENERAL PUBLIC LICENSE
                  Version 3, 29 June 2007
```

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```
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*/

#ifndef GRUB_BSD_CPU_HEADER
#define GRUB_BSD_CPU_HEADER 1

#include <grub/types.h>
#include <grub/relocator.h>

#include <grub/i386/freebsd_reboot.h>
#include <grub/i386/netbsd_reboot.h>
#include <grub/i386/openbsd_reboot.h>
#include <grub/i386/freebsd_linker.h>
#include
 <grub/i386/netbsd_bootinfo.h>
#include <grub/i386/openbsd_bootarg.h>

enum bsd_kernel_types
 {
```

```
  KERNEL_TYPE_NONE,
  KERNEL_TYPE_FREEBSD,
  KERNEL_TYPE_OPENBSD,
  KERNEL_TYPE_NETBSD,
 };

#define GRUB_BSD_TEMP_BUFFER   0x80000

#define FREEBSD_B_DEVMAGIC OPENBSD_B_DEVMAGIC
#define FREEBSD_B_SLICESHIFT OPENBSD_B_CTRLSHIFT
#define FREEBSD_B_UNITSHIFT OPENBSD_B_UNITSHIFT
#define FREEBSD_B_PARTSHIFT OPENBSD_B_PARTSHIFT
#define FREEBSD_B_TYPESHIFT OPENBSD_B_TYPESHIFT

#define FREEBSD_MODTYPE_KERNEL  "elf kernel"
#define FREEBSD_MODTYPE_KERNEL64 "elf64 kernel"
#define FREEBSD_MODTYPE_ELF_MODULE "elf module"
#define FREEBSD_MODTYPE_ELF_MODULE_OBJ "elf obj module"
#define FREEBSD_MODTYPE_RAW  "raw"

#define FREEBSD_BOOTINFO_VERSION 1

struct grub_freebsd_bootinfo
{
 grub_uint32_t version;
 grub_uint8_t unused1[44];
 grub_uint32_t length;
 grub_uint8_t unused2;
 grub_uint8_t boot_device;
 grub_uint8_t unused3[18];
 grub_uint32_t kern_end;
 grub_uint32_t environment;
  grub_uint32_t tags;
} GRUB_PACKED;

struct freebsd_tag_header
{
 grub_uint32_t type;
 grub_uint32_t len;
};

grub_err_t grub_freebsd_load_elfmodule32 (struct grub_relocator *relocator,
      grub_file_t file, int argc,
      char *argv[], grub_addr_t *kern_end);
grub_err_t grub_freebsd_load_elfmodule_obj64 (struct grub_relocator *relocator,
          grub_file_t file, int argc,
          char *argv[],
          grub_addr_t *kern_end);
```

```
grub_err_t grub_freebsd_load_elf_meta32 (struct grub_relocator *relocator,
      grub_file_t file,
      const char *filename,
      grub_addr_t *kern_end);
grub_err_t grub_freebsd_load_elf_meta64 (struct grub_relocator *relocator,
      grub_file_t file,
      const char *filename,
      grub_addr_t *kern_end);

grub_err_t grub_netbsd_load_elf_meta32 (struct grub_relocator *relocator,
     grub_file_t file,
     const char *filename,
     grub_addr_t *kern_end);
grub_err_t grub_netbsd_load_elf_meta64 (struct grub_relocator *relocator,
     grub_file_t
 file,
     const char *filename,
     grub_addr_t *kern_end);

grub_err_t grub_bsd_add_meta (grub_uint32_t type,
         const void *data, grub_uint32_t len);
grub_err_t grub_freebsd_add_meta_module (const char *filename, const char *type,
      int argc, char **argv,
      grub_addr_t addr, grub_uint32_t size);

struct grub_openbsd_ramdisk_descriptor
{
 grub_size_t max_size;
 grub_uint8_t *target;
 grub_uint32_t *size;
};

grub_err_t grub_openbsd_find_ramdisk32 (grub_file_t file,
     const char *filename,
     grub_addr_t kern_start,
     void *kern_chunk_src,
     struct grub_openbsd_ramdisk_descriptor *desc);
grub_err_t grub_openbsd_find_ramdisk64 (grub_file_t file,
     const char *filename,
     grub_addr_t kern_start,
     void *kern_chunk_src,
     struct grub_openbsd_ramdisk_descriptor *desc);

extern grub_uint8_t grub_bsd64_trampoline_start, grub_bsd64_trampoline_end;
extern grub_uint32_t grub_bsd64_trampoline_selfjump;
extern grub_uint32_t grub_bsd64_trampoline_gdt;

#endif
```

/* ! GRUB_BSD_CPU_HEADER */

1.390 xpmem 2.7.4

1.390.1 Available under license :

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Version 2.1, February 1999

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1.392 dpcp 1.1.48

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#
general:
  exclude:
    - "\\.git.*"
    - "\\.ci.*"

```
    - "\\.dockers.*"
    - "build.*"
    - "config.*"
    - "contrib.*"
    - "debian.*"
    - "tools.*"
    - ".*\\.sln"
    - ".*\\.vcxproj"
    - ".*\\.vcxproj.filters"
    - ".*\\.props"
    - ".*\\.pdf"
    - ".*Makefile\\.am"
    - ".*LICENSE"
    - ".*NOTICE"
    - ".*README\\.md"
    - ".*license"
    - ".*\\.md"
    - ".*\\.sh"
    - ".*configure\\.ac"
    - ".*Jenkinsfile"
    - ".*\\.docx"
    - ".*\\.py"
    - ".*\\.txt"
    - ".*\\.log"
    - ".*\\.in"
    - ".*\\.cmake"
    - ".*\\.png"
    - ".*\\.m4"

bsd:
  include:
    - ".*"
  exclude:
    - ".*tests/gtest/common/tap\\.h"
    - ".*tests/gtest/common/gtest\\.h"
    - ".*tests/gtest/common/gtest-all\\.cpp"
    - ".*tests/gtest/include/getopt\\.h"
    - ".*contrib/scripts/dpcp\\.spec\\.in"
```

1.393 lasso 2.9.0

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1.397 rng-tools 6.15

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1.398 monit 5.32.0

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1.403 libcgroup 2.0.2

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

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The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the

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

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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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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
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copy of the library already present on the user's computer system,
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will operate properly with a modified version of the library, if
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1.407 pyvmomi 5.5.0.2014.1.1

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1.408 knem 1.1.4.90

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1.410 mlnxofed-docs 24.10

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1.411 python3-wheel 0.37.1

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1.412 dnsmasq 2.90

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1.413 pyyaml 6.0

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1.414 libvirt 8.1.0

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4. [4]Viraj Bais <vbais@mailman1.intel.com> and [5]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
5. [6]Michael Barone <michael,barone@lmco.com> GPSVME fixes
6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
10. [11]Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in sntp
11. [12]Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
12. [13]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
13. [14]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
14. [15]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
15. [16]Philippe De Muyter <phdm@macqel.be> Wharton reference clock driver, sysV68 and AIX modifications.
16. [17]Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
17. [18]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
18. [19]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
19. [20]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
20. [21]John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing
21. [22]Dave Hart <davehart@gmail.com> General maintenance, IPv6 cleanup, Windows PPSAPI
22. [23]Claas Hilbrecht <neoclock4x@linum.com> NeoClock4X clock driver
23. [24]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
24. [25]Mike Iglesias <iglesias@uci.edu> DEC Alpha port
25. [26]Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
26. [27]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping

overhaul

27. [28]Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or [29]<H.Lambermont@chello.nl> ntpsweep
28. [30]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
29. [31]Frank Kardel [32]<kardel (at) ntp (dot) org> PARSE <GENERIC> (driver 14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
30. [33]Johannes Maximilian Kuehn <kuehn@ntp.org> Rewrote sntp to comply with NTPv4 specification, ntpq saveconfig
31. [34]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
32. [35]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
33. [36]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
34. [37]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
35. [38]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
36. [39]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
37. [40]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
38. [41]David L. Mills <mills@udel.edu> Version 4 foundation, precision kernel; clock drivers: 1, 3, 4, 6, 7, 11, 13, 18, 19, 22, 36
39. [42]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
40. [43]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
41. [44]Tom Moore <tmoore@fievel.daytonoh.ncr.com> i386 svr4 port
42. [45]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
43. [46]Derek Mulcahy <derek@toybox.demon.co.uk> and [47]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
44. [48]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
45. [49]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
46. [50]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
47. [51]Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
48. [52]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
49. [53]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
50. [54]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
51. [55]Michael Shields <shields@tembel.org> USNO clock driver
52. [56]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
53. [57]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
54. [58]Kenneth Stone <ken@sdd.hp.com> HP-UX port
55. [59]Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support

56. [60]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock driver
57. [61]Brian Utterback <brian.utterback@oracle.com> General codebase, Solaris issues
58. [62]Loganaden Velvindron <loganaden@gmail.com> Sandboxing (libseccomp) support
59. [63]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
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1. mailto:%20takao_abe@xurb.jp
2. mailto:%20mark_andrews@isc.org
3. mailto:%20altmeier@atlsoft.de
4. mailto:%20vbais@mailman1.intel.co
5. mailto:%20kirkwood@striderfm.intel.com
6. mailto:%20michael.barone@lmco.com
7. mailto:%20karl@owl.HQ.ileaf.com
8. mailto:%20greg.brackley@bigfoot.com
9. mailto:%20Marc.Brett@westgeo.com
10. mailto:%20Piete.Brooks@cl.cam.ac.uk
11. mailto:%20nelson@bolyard.me
12. mailto:%20Jean-Francois.Boudreault@viagenie.qc.ca
13. mailto:%20reg@dwf.com
14. mailto:%20clift@ml.csiro.au
15. mailto:%20casey@csc.co.za
16. mailto:%20phdm@macqel.be
17. mailto:%20Sven_Dietrich@trimble.COM
18. mailto:%20dundas@salt.jpl.nasa.gov
19. mailto:%20duwe@immd4.informatik.uni-erlangen.de
20. mailto:%20dennis@mrbill.canet.ca
21. mailto:%20jhay@icomtek.csir.co.za
22. mailto:%20davehart@gmail.com
23. mailto:%20neoclock4x@linum.com
24. mailto:%20glenn@herald.usask.ca
25. mailto:%20iglesias@uci.edu
26. mailto:%20jagubox.gsfc.nasa.gov
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33. mailto:kuehn@ntp.org
34. mailto:%20jones@hermes.chpc.utexas.edu
35. mailto:%20dkatz@cisco.com

36. mailto:%20leres@ee.lbl.gov
37. mailto:%20lindholm@ucs.ubc.ca
38. mailto:%20louie@ni.umd.edu
39. mailto:%20thorinn@diku.dk
40. mailto:%20mayer@ntp.org
41. mailto:%20mills@udel.edu
42. mailto:%20moeller@gwdgv1.dnet.gwdg.de
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58. mailto:%20ken@sdd.hp.com
59. mailto:%20ajit@ee.udel.edu
60. mailto:%20tsuruoka@nc.fukuoka-u.ac.jp
61. mailto:%20brian.utterback@oracle.com
62. mailto:%20loganaden@gmail.com
63. mailto:%20vixie@vix.com
64. mailto:%20Ulrich.Windl@rz.uni-regensburg.de

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1.420 lasso 2.5.1

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

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1.422 docker 20.10.17

1.422.1 Available under license :

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*pkcs11._Ctype_CK_C_GetSlotInfo/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*pkcs11._Ctype_CK_C_GetSlotList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd*struct { pragma.NoUnkeyedLiterals; Message protoreflect.Message; Buf []uint8; Flags uint8 } AnonThpTprotobuf:"varint,10,opt,name=anon_thp,json=anonThp,proto3" json:"anon_thp,omitempty" ConfigMapKeyRefLjson:"configMapKeyRef,omitempty" protobuf:"bytes,3,opt,name=configMapKeyRef" DaemonEndpointsLjson:"daemonEndpoints,omitempty" protobuf:"bytes,6,opt,name=daemonEndpoints" ExitedAtSprotobuf:"bytes,2,opt,name=exited_at,json=exitedAt,proto3,stdtime" json:"exited_at" ExitedAtSprotobuf:"bytes,3,opt,name=exited_at,json=exitedAt,proto3,stdtime" json:"exited_at" ExitedAtSprotobuf:"bytes,4,opt,name=exited_at,json=exitedAt,proto3,stdtime" json:"exited_at" ExitedAtSprotobuf:"bytes,5,opt,name=exited_at,json=exitedAt,proto3,stdtime" json:"exited_at" GoPackageRprotobuf:"bytes,11,opt,name=go_package,json=goPackage" json:"go_package,omitempty" KubeletEndpointLjson:"kubeletEndpoint,omitempty" protobuf:"bytes,1,opt,name=kubeletEndpoint" NetNSMountsUnderStateDirCtoml:"netns_mounts_under_state_dir" json:"netnsMountsUnderStateDir" NonResourceURLsLjson:"nonResourceURLs,omitempty" protobuf:"bytes,7,rep,name=nonResourceURLs" OperatorSjson:"operator" protobuf:"bytes,2,opt,name=operator,casttype=LabelSelectorOperator"
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changecheck;cinderclientclosedclubs;colon;color:comma;configcookiecoordscpusetcrarr;createcross;csube;csupe;ctdot;ctrl-@ctrl-[ctrl-\ctrl-]ctrl-^ctrl-_ctrl-actrl-bctrl-cctrl-dctrl-ectrl-fctrl-gctrl-hctrl-ictrl-jctrl-kctrl-lctrl-mctrl-nctrl-octrl-pctrl-qctrl-rctrl-sctrl-tctrl-uctrl-vctrl-wctrl-xctrl-yctrl-
zcuepr;cuesc;cupor;currencuvee;cuwed;cwint;darwindashv;dblac;ddarr;definedeletedelim(delta;denieddeploydetachdevicedharl;dharr;diams;digestdisin;dividedns-
rmdockerdomaindoteq;driverdryRundtdot;dtrif;duarr;duhar;eDDot;eacuteecirc;efDot;efenceeffectegraveegressemacr;empty
empty;env-rmeogon;eplus;epsiv;eqsim;equiv;erDot;erarr;errno errorsesdot;eventsexceptexec:
exist;existsexpectexpiryexportexposefailedfflig;field
filig;filterfjlig;fllig;fltns;followforkv;formatfrac12frac14frac34frasl;frown;fsTypegamma;gcirc;gcloudgescc;gimel;git://globalgneqq;gnsim;go1.5.go1.6.gophergrave;groupsgrpclbgsime;gsiml;gtcir;gtdot;hangupharrw;hcirc;headerheighthiddenhoarr;hostIPiacuteicirc;iexcl;igraveiiint;iiota;ijlig;imacr;image;imagesimath;imped;importinfin;iogon;ip+netipMaskiprod;iquestisinE;isins;isinv;iukcy;jcirc;jmath;jsCtx(jukcy;kappa;killedlAarr;lBarr;label!labelslangd;laquo;la

rrb;lates;latestlbarr;lbbrk;lbrke;lceil;lchownldquo;leaseslescc;lhard;lharu;lhblk;limitslistenllarr;lltri;lneqq;lnsim;loang;loarr;lobrk;lopar;lrarr;lrhar;lrtri;lsime;lsimg;lsquo;ltcir;ltdot;ltrie;ltrif;mDDot;mailtomastermdash;mediummemorymethodmetricmicro;middotminus;minutemips64modulemumap;nabla;napid;napos;natur;nbump;ncong;ndash;ndots:neArr;nearr;nedot;nesim;netbsdnetdnsngeqq;ngsim;nhArr;nharr;nhpar;nlArr;nlarr;nleqq;nless;nlsim;nltri;nocopynodeIDnoexecnofilenomandnosuidnotin;notni;npart;nprec;nrArr;nrarr;nrtri;nsime;nsmid;nspar;nsubE;nsube;nsucc;nsupE;nsupe;ntildenumbernumsp;nvsim;nwArr;nwarr;oacuteobjectocirc;odash;oelig;ofcir;ograveohbar;olarr;olcir;oline;omacr;omega;onlineopaqueoperp;oplus;orarr;order;originoslashostypeotildeoutputovbar;parsl;pausedpdNamephone;pluginplusb;pluse;plusmnpodIPspolicypopcntposterpound;prcue;prefixprettyprime;printfprnap;promptprsim;quest;rArr;rBarr;radic;rangd;range;rangesraquo;rarrb;rarrc;rarrw;ratio;rbarr;rbbrk;rbrke;rceil;rdquo;rdrandrdseedreadU4readatreals;reasonremoteremoverenamereturnrhard;rharu;rlarr;rlhar;rnmid;roang;roarr;robrk;ropar;rotaterrarr;rsapssrlaversquo;rtpriortrie;rtrif;rttimerune1
sbquo;scalarsccue;schemaschemescirc;scnap;scopedscopesscriptscsim;sdotb;sdote;seArr;searchsearr;secondsecretselectsendtoseriesserversetenvsetmn;sha256sha384sha512sharedsharp;sigma;signalsignersimeq;simgE;simlE;simne;slarr;smile;smtes;socketsocks
socks5sourcesplicesqcap;sqcup;sqsub;sqsup;squashsrarr;srcdocsrcsetstacksstagesstarf;state(statusstderrstdoutstreamstringstrns;structsubnE;subne;subnetsupnE;supne;swArr;swarr;sweep
switchsysctlsysmonsystemszlig;taintstar.gztar.xztargettcp://telnettenanttheta;thkap;thorn;tilde;timerstimes;tlskeytrade;trisb;tshcy;twixt;typeofuacuteubrcy;ucirc;udarr;udhar;udp://ugraveuharl;uharr;uhblk;uint16uint32uint64ulimitultri;umacr;uniqueunlockunpigzunuseduogon;updateuplus;upsih;uring;urtri;usagesusemapusernsustar
ustar/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerDOWNGRD DSA-SHA1DataLossDecemberDefault:Detail:
Details:DevmajorDevminorDiamond;DiffCopyDisable:Divisor:DownTee;Drivers:DuployanDurationElement;EndpointEntries:EnvFrom:Epsilon;EthiopicExtenderFINISHEDFSGroup:FebruaryFields:
FieldsV1Filters:Flocker:GODEBUG=Gateway:Generic:GeorgianGitRepo:GoStringGujaratiGurmukhiHOSTNAMEHTTP/1.1HTTP/2.0HTTPGet:Handler:HeadlessHiraganaHostIPC:HostPID:HostnameIMAGE
IDINSECUREINTERNALIPBlock:ImageID:Implies;Indices:Ingress:InstFailInstRuneInternalJavaneseJstype:
KatakanaKayah_LiKeyring:LeftTee;Linear_ALinear_BLinknameListMetaLocale:
LocationMD5+SHA1MahajaniManager:ManifestMaxSkew:MemUsageMembers:Message:Method:
Methods:Metrics:Mixins:
ModTime:Monitor:NETWORKSNO_ERRORNO_PROXYNetwork:NetworksNewLine;NoBreak;NodeBoolNodeIDs:NodeListNodeSpecNodeTextNotFoundNotLess;NovemberNumber:
OFFICIALORPHANEDOSImage:Ol_ChikiOmicron;Oneofs:
Options:OverBar;OverheadPREVIOUSPRIORITYPacked:
ParseIntPasswordPayload:Phags_PaPlatformPlugins:PodCIDR:Portals:PreStop:PriorityProduct;QuantityQuestionQuobyte:RBDPool:REJECTEDREPLICASROLLBACKRPRIVATERTMAX-10RTMAX-11RTMAX-12RTMAX-13RTMAX-
14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15ReadBoolReadInt8ReceivedRelated:Removed:ReplicasRequest:ResourceRestart:Retries:RoleRef:Root
KeyRunning:Runtime:SELinux:SERVICESSETTINGSSHA1-RSASHA3-224SHA3-256SHA3-384SHA3-512SHUTDOWNSTARTINGSameSiteSaturdayScaleIO:Scopes: Seconds:Secret:
Secrets:SelectByService:ServicesSigned:
SnapshotSources:StackAPIStarted:Streams:SubPath:Subject:Subsets:Suspend:Syntax:
Sysctls:TLSInfo:TagbanwaTai_ThamTai_VietTaskIDs:TaskSpecThursdayTifinaghTimeout:Trailer:TypeAAAATypeAXFRTypeMetaTypeUrl:UPDATINGUgariticUlimits:UpArrow;Uparrow;Updates:Upsilon;User
PinUserInfoUsernameValues: Version:Volumes:Waiting:Webhook:Xattrs: ZgotmplZ[%s>%s]
[::1]:53[:word:][]Event{[]Lease{[]PodIP{[]Taint{[a-zA-Z][mapKey][signal "@type":"Config""value":

Found in path(s):

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdDOWNGRD DSA-SHA1DataLossDatetimeDecemberDetail: Details:DevmajorDevminorDiamond;DiffCopyDigest: Disable:DownTee;DuployanDurationECC-GOSTElement;EndpointEntries:EnvelopeEpsilon;EthiopicExports:ExtenderFailFastFailcnt:FebruaryFields: Filters:FunctionGODEBUG=Gateway:Generic:GeorgianGetTokenGoStringGujaratiGurmukhiHTTP/1.1HTTP/2.0Hashes: HiraganaHugetlb:INDIRECTINSECUREINTERNALIPAMDataIf-MatchIgnore()Implies;Indices:Ingress:InitErr:InstFailInstRuneInternalJavaneseJstype: KatakanaKayah_LiKmsKeyIdLearningLeaving:LeftTee;Linear_ALinear_BLinknameListPidsLocale: LocationLogEntryLowerDirMD5+SHA1MahajaniManager:ManifestMappingsMembers:Message:Method: Methods:Metrics:Mixins: ModTime:Monitor:NO_ERRORNO_PROXYNS(None)NS(none)NSAP-PTRNXDOMAINNetwork:NewLine;No such NoBreak;NodeIDs:NodeLeftNodeNameNodeSpecNotFoundNotLess;NovemberNumber: ONBUILD OPTIONALORPHANEDOl_ChikiOmicron;Oneofs: OomKill:OpenTcp:Options:OverBar;PREVIOUSPRIORITYPacked: ParseIntPayload:Periods:PgFault:PgPgOut:Pgfault:Pgsteal:Phags_PaPidsStatPlatformPlugins:PriorityProcess:ProdFipsProduct;ProxyArpQuestionREJECTEDREQUIREDROLLBACKRPRIVATERSSHuge:RTMAX-10RTMAX-11RTMAX-12RTMAX-13RTMAX-14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15RdmaStatReadBoolReadFileReadInt8ReadOnlyReceivedRefCountReloadedRemove()Removed:RemovingReservedResourceRestart:RestrictRetries:Root DirRuntime:RxBytes:SERVFAILSETTINGSSHA1-RSASHA3-224SHA3-256SHA3-384SHA3-512SHELL %vSHUTDOWNSTARTINGSameSiteSamples:SaturdayScopes: Secret: Secrets:SelectByService:ShimInfoShimPid:ShutdownSigned: StatFileStreams:Subject:Syntax: Sysctls:TARGETOSTLSInfo:TagbanwaTai_ThamTai_VietTaskIDs:TaskNameTaskSpecThrottleThursdayTifinagh Time: %vTimeout:Trailer:TreeHashTxBytes:TypeAAAATypeAXFRTypeUrl:UDPErrorUPDATINGUgariticUlimits:UpArrow;Uparrow;Updates:UpperDirUpsilon;Values: VariableVariant:Version:VolatileWORKDIR XAddModeXattrs: YXDOMAINZgotmplZ[%d->%d][%s>%s] [%s]: %v[::1]:53[:word:][DEBUG] []Image{[a-zA-Z][mapKey][signal[zfs] %s"@type":"attrs":"config""value":

Found in path(s):
*
legacylengthlescc;level:lfloorlhard;lharu;lhblk;limitslinkatliskovlistenllarr;lltri;lneqq;lnsim;loang;loarr;lobrk;local0local1local2local3local4local5local6local7local:lockedloggerlopar;lovinglowastlower1lower2lrarr;lrhar;lrtri;lsaquolsime;lsimg;lsquo;ltcir;ltdot;ltrie;ltrif;mDDot;mailtomallocmanglemastermax_bymcleanmdash;membermemorymendelmergedmerklemethodmicro;middotmin_byminus;minutemips64mipselmipslemirredmkfifomlock2modestmodulemount.mount=mountsmqueuemremapmsgctlmsggetmsgrcvmsgsndmumap;munmapmusingnabla;napid;napiernapos;natur;nbump;ncong;ndash;ndots:neArr;nearr;nedot;nesim;netdnsnewtonngeqq;ngsim;nh4 %snh6 %snhArr;nharr;nhpar;nil ipnil rrnlArr;nlarr;nleqq;nless;nlsim;nltri;nocopynodeidnoexecnofilenomandnosuidnotifynotin;notni;npart;nprec;nrArr;nrarr;nrtri;nsime;nsmid;nspar;nsubE;nsube;nsucc;nsupE;nsupe;ntildenumbernumsp;nvidianvsim;nwArr;nwarr;oacuteobjectocirc;octetsodash;oelig;ofcir;ograveohbar;oif %doif %solarr;olcir;oline;omacr;omega;onlineonlinkopaqueopenatoperp;oplus;orarr;order;originoslashotildeotimesovbar;paniniparentparsl;pascalpasswdpausedpermilpgpginpgscanphone;pimregpluginplusb;pluse;plusmnpolicypopcntposterpound;prcue;preadvprime;printfprnap;promptpronetprsim;ptracequest;queuedquirkyquorumquotasrAarr;rBarr;radic;

rangd;range;raquo;rarrb;rarrc;rarrw;ratio;rbarr;rbbrk;rbrke;rceil;rdquo;rdrandrdseedreadU4readatreals;reasonrebootref
%vregionreloadremoteremoverenamerepeatresizeresultresumereturnrfc822rfloorrhard;rharu;rhodesrlarr;rlhar;rnmid;roang;roarr;robrk;rootfsropar;route2routesrrarr;rsaquorslaversquo;rtpriortrie;rtrif;rttimerune1s/mimesammetsamplesbquo;scaronsccue;schemescirc;scnap;scopedscopesscriptscsim;sdotb;sdote;seArr;searchsearr;secondsecretsecureselectsemctlsemgetsendtosereneserversetACLsetenvsetgidsetmn;setsidsetuidsha256sha384sha512shamirsharedsharessharp;shieldshmctlshmgetshternsigma;sigmafsignalsignedsimeq;simgE;simlE;simne;slarr;sleepysmile;smtes;snydersocketsocks
socks5sortedsourcespadesspec:
spencesplicesplunksqcap;sqcup;sqsub;sqsup;squashsrarr;srcdocsrcsetssh://starf;stat64state(statesstatfsstatusstderrstdoutstolenstreamstringstrns;structsubnE;subne;supnE;supne;swArr;swarr;swartzsweep
switchsyncfssyntaxsyslogsysmonsystemszlig;tar.gztar.xztargettarsumtasks.tc_newtcp://telnettendertgkillthawedthere4theta;thinspthkap;thorn;threadtilde;timerstimes;tlskeytoml:
trade;trisb;tshcy;tunneltuntapturingtwixt;typeofuacuteubrcy;ucirc;udarr;udhar;udp://ugraveuharl;uharr;uhblk;uint16uint32uint64ulimitultri;umacr;umountunlinkunpackunpigzunsafeunspecunuseduogon;upbeatupdateuplus;upsih;uring;urtri;usemapustar ustar
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found in path(s):
* ZeroFields
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr *channelz.channel *cipher.BlockMode *cli.DurationFlag *cli.IntSliceFlag *cli.RequiredFlag *cni.ConfigResult *containerd.Image/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr *timeseries.tsLevel *tls.ClientAuthType/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr *[]*timeseries.tsLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

Found in path(s):
* json:"msg" MulticastAddrs OnlyCachedConn ProgressOutput ReadBufferSize ReplaceAllFunc RequiredNotSet ReservedRanges ResponseToHEAD RevocationTime ScalarBaseMult SetEmitEnabled SetReuseFrames SetWithComment SetWithOptions SetWriteBuffer SetsockoptByte SignatureValue SkipAdditional SkipAllAnswers SkipArgReorder StreamsStarted TransferCTable TypeDescriptor UnmarshalState VerifiedChains VerifyHostname VersionService WriteRSTStream XXX_OneofFuncs
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdr*struct { F uintptr; wg *sync.WaitGroup; s *grpc.Server; st transport.ServerTransport; roundRobinCounter *uint32 }

Found in path(s):
* PgdeactivateOprotobuf:"varint,27,opt,name=pgdeactivate,proto3" json:"pgdeactivate,omitempty" PodAntiAffinityLjson:"podAntiAffinity,omitempty" protobuf:"bytes,3,opt,name=podAntiAffinity" PreferAvoidPodsLjson:"preferAvoidPods,omitempty" protobuf:"bytes,1,rep,name=preferAvoidPods" ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,1,opt,name=resourceVersion"

ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,2,opt,name=resourceVersion"
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,4,opt,name=resourceVersion"
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,6,opt,name=resourceVersion"
ResourceVersionLjson:"resourceVersion,omitempty"
protobuf:"bytes,7,opt,name=resourceVersion" StoragePolicyIDLjson:"storagePolicyID,omitempty"
protobuf:"bytes,4,opt,name=storagePolicyID" VolumeNamespaceLjson:"volumeNamespace,omitempty"
protobuf:"bytes,2,opt,name=volumeNamespace"
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd *sha512.digest *snapshots.Opt *sort.IntSlice *spdy.StreamId *specs.Process *specs.Solaris *specs.VMImage *specs.Windows/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd *zstd.fseState AbsolutePrefix AdActorSysPrio AddASN1Boolean AddASN1UTCTime AddMatchSignal AddNetworkList AllAdditionals AllAuthorities AppendFullName ApplyWithError AsFloat64Slice AuthorityKeyId AuthorizerOpts BalancerConfig BorrowIterator BoundaryBefore BreakWithError BytesBase64Var C_CloseSession C_CreateObject C_DecryptFinal C_DigestUpdate C_EncryptFinal C_GetTokenInfo C_VerifyUpdate CallsSucceeded CapabilityArgs ChannelzMetric CheckSignature CheckpointOpts ChildSpanCount ClockFrequency CloseWithError CombinedOutput CommonAuthInfo CompareAndSwap CompressorType ContainerStats ContentSubtype ConvertSchema1 Cpu
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *sha512.digest *socks.Command *sort.IntSlice *ssh.PublicKey
*ssh.Signature/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *zip.nopCloser AddASN1Boolean AddASN1UTCTime AllAdditionals AllAuthorities Aud
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *solver.expDep *sort.IntSlice *source.Source *specs.Process *specs.Solaris *specs.VMImage *specs.Windows *srslog.Framer *srslog.Writer *ssh.PublicKey *ssh.Signature/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *zk.syncRequest AAAA

Found
in path(s):
* ZeroReadIsEOF
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxysync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxytime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-

17-tgz/docker/docker-proxyruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxysync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd-I-L-N-O-P-R-S-X-c-d-e-f-i-j-m-n-o-p-q-r-s-t-u-v-w.*...0.1.:._/*/.///=/C/S/i00010X0b0n0o0s0x1.13255380:
:/:::=:]; <!<-<<<=<><?<@=#='===?=">
>=>>?=?>??A3A4BEByCACHCNCSCcCfCoCsDHDSEBGAGBGOGTHSIDINIOKBKXLELPLTLlLmLoLtLuMBMDMFMGMRMXMcMeMnMuNSNdNlNoNuOKOUOsPBPXPcPdPePfPiPoPsRPRTSTScSkSmSoTATBTZTeToUPV0V1V2V3V5V6V7XiYBYiZBZ"ZlZpZs[?[][^"
")":">"

Found in path(s):
* found bad pointer in Go heap (incorrect use of unsafe or cgo?)runtime: internal error: misuse of lockOSThread/unlockOSThreadruntime.SetFinalizer: pointer not at beginning of allocated blockbytes.Buffer: UnreadByte: previous operation was not a successful readcannot convert slice with length %y to pointer to array with length %xtoo many concurrent operations on a single file or socket (max 1048575)reflect.Value.Interface: cannot return value obtained from unexported field or methodreflect: New of type that may not be allocated in heap (possibly undefined cgo C type)000102030405060708091011121314151617181920212223242526272829303132333435363738394041424344454647484950515253545556575859606162636465666768697071727374757677787980818283848586878889909192939495969798 99
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

Found in path(s):
* *cmp.PathStep
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim
*runtime.wbBuf *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows *status.Status/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim{}|0|1|=||}
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2
*sha256.digest *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows *stats.CPUStat *stats.IOEntry *stats.Metrics *status.Status/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2$%')+-.013:<=>?@FMPSZ^`dfghikmnopqstuvy|
+ @ P [!=%-%=%T%d%q%v%x&&&=&^("))()
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

Found in path(s):
* lazyInitSlow

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdX*struct { Type string; Actions [][]uint8; Indexes [][]int "json:\"indexes,omitempty\"" }

Found in path(s):
* *snapshots.snapshotsListServer
No license file was found, but licenses were detected in source scan.

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tgz/docker/docker-initThe
MIT License (MIT)

Found in path(s):
* VolumeOptionsdprotobuf:"bytes,6,opt,name=volume_options,json=volumeOptions,proto3" json:"volume_options,omitempty" Webhooksijson:"webhooks,omitempty" patchStrategy:"merge" patchMergeKey:"name" protobuf:"bytes,2,rep,name=Webhooks"
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runc getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc
*uintptr Absolute ActorKey AdSelect AddChild AddrType Addrtype ApplyDir Assemble Attached Attr_clr Attr_set Binomial Bounding Buffered ByNumber BytesPtr CanMknod CapNames Category Commands Compiled Constant Contains CopyList CopyPipe CoreDump CountFds CriuPath DNSStart Deadline DefValue Duration ElseList EncodeT

Encoding ExitCode ExitFunc Exporter Extendee FieldMap FileLine FilePath FileSize Filename FindType FlowInfo Flowinfo Footnote FullName Function GetExtra GetGitid GetIfOut GetInode GetLevel GetPaths GetState GetStats GetUsage GetValue GetVeths GoString GroupIds HashFunc HelpName HideHelp InitArgs InitJSON InitPath Instance Int32Ptr Int64Ptr Int64Var IntSlice IsAssign IsFenced IsHeader IsPacked IsPinned IsPublic IsStream IsUint64 JSONN KillUnit KindFlag LacpRate Learning LinkData LinkType ListData ListJobs Location LogLevel LookupIP LookupMX LookupNS MACAddrs MapIndex MapRange MapValue Messages Metadata MinLinks MulRange Multiply NewField NewValue NodeType Nsignals NumEnums NumField NumFiles NumFlags NumPorts OCIState Optional PMtuDisc ParentID PeerName PortHigh Position Pow22523 PreferGo Protinfo Protocol ProxyArp Question Queue_id RawFlags RawWrite ReadByte ReadFrom ReadLine ReadRune ReaderAt Readlink Required Resolver Rootless RunCount RunHooks RxErrors Scope_id Sections Sequence Services SetALUOp SetBytes SetEDNS0 SetFlags SetFloat SetInt64 SetLevel ShellJob Shstrndx Shutdown Signaled Simplify SizeType SkipTrue Snapshot Spoofchk StatusFd StopUnit SubState Subtract SysUsage TextName Truncate TxErrors TypeName UnitName UnixConn UnixNano UserTime Username Validate VisitAll Warningf WithTime WriteInt
WriteMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

Found
in path(s):
* UnsolicitedLprotobuf:"varint,2,opt,name=unsolicited,proto3" json:"unsolicited,omitempty"
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc *sha512.digest
*sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage
*specs.Windows/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc
*unix._Socklen *user.ExecUser AbsolutePrefix AdActorSysPrio AddMatchSignal AllAdditionals AllAuthorities AppendFullName ApplyWithError CPU

Found in path(s):
* *dbus.Variant
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *func()
*v1alpha1.EndpointSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
*pkcs11._Ctype_CK_C_GetSlotInfo/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
*pkcs11._Ctype_CK_C_GetSlotList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *transport.userAgentRoundTripper *trustmanager.ErrPasswordInvalid
*v1.CephFSPersistentVolumeSource *v1.CinderPersistentVolumeSource *v1.MutatingWebhookConfiguration
*v1.SubjectAccessReviewInterface *v1alpha1.ClusterRoleBindingList *v1alpha1.EndpointSliceInterface
*v1alpha1.PriorityClassInterface *v1alpha1.SettingsV1alpha1Client *v1alpha1.VolumeAttachmentSource
*v1alpha1.VolumeAttachmentStatus *v1alpha3.ServiceConfigObjConfig *v1beta1.DaemonSetUpdateStrategy
*v1beta1.DeploymentConditionType
*v1beta1.ExtensionsV1beta1Client *v1beta1.NetworkPolicyEgressRule *v1beta1.NetworkingV1beta1Client
*v1beta1.PodDisruptionBudgetList *v1beta1.PodDisruptionBudgetSpec *v1beta1.PodManagementPolicyType
*v1beta1.ReplicaSetConditionType *v1beta1.RollingUpdateDeployment *v1beta1.SchedulingV1beta1Client
*v1beta1.SelfSubjectAccessReview *v1beta1.StorageV1beta1Interface
*v1beta1.SubjectAccessReviewSpec/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker"*func(*v1alpha1.EndpointSliceList)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker#*func()

*v1alpha1.EndpointSliceList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-*func(string) v1alpha1.EndpointSliceInterface/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker0*func(v1.ListOptions) (*v1.EndpointsList, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker:*func(v1.ListOptions) (*v1alpha1.EndpointSliceList, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker=*func(string, v1.GetOptions) (*v1alpha1.EndpointSlice, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker?*func(*v1alpha1.EndpointSlice) (*v1alpha1.EndpointSlice, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerS*func(string, types.PatchType, []uint8, ...string) (*v1alpha1.EndpointSlice, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerX*struct { Version int; P *big.Int; Q *big.Int; G *big.Int; Pub *big.Int; Priv *big.Int }

Found in path(s):
* *func(*v1alpha1.EndpointSlice)
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdTLS_ECDHE_RSA_WITH_AES_128_CBC_SHATLS_ECDHE_RSA_WITH_AES_256_CBC_SHAUnable to write frame to %d: %v /opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimtime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(*IntSlice).Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(*IntSlice).Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(*IntSlice).Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-

tgz/docker/containerd-shimsort.(*IntSlice).Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimpath.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·4/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·3/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2 getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2 getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2 /opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2time.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2reflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-

tgz/docker/containerd-shim-runc-v2sort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(*IntSlice).Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(*IntSlice).Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(*IntSlice).Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(*IntSlice).Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2path.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·4/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·3/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctrutdot;utimesutrif;uuarr;v%d.%dvBarv;vDash;value:varintvarpi;vdash;veeeq;vltri;vnsub;vnsup;void#0vprop;vrtri;waitidwcirc;wedge;weightwritevxcirc;xdtri;xhArr;xharr;xlArr;xlarr;xodot;xrArr;xrarr;xutri;yacuteycirc;%gs

UUID: %v=%v, (conn) (scan (scan) (trap MB in Value> action allocs dying= error flags= len=%d locks= m->g0= nmsys= s=nil

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctrTLS_ECDHE_RSA_WITH_AES_128_CBC_SHATLS_ECDHE_RSA_WITH_AES_256_CBC_SHA

[flags] CONTAINER [CONTAINER, ...]adding nil Certificate to CertPoolallow connections using plain HTTParchive/tar: header field too longbad pointer in byte slice case in bad scalar length: %d, expected %dbad tag in lazy extension decodingbetterFastEncoder: Reset with dictcan't evaluate field %s in type %scan't handle %s for arg of type %scan't read type info for id %v: %vcan't write instruction offset: %vcannot load seccomp profile %q: %vcannot unmarshal an event from Anycgroups: unable to remove paths %schacha20:
wrong HChaCha20 key sizeconnection doesn't support Ed25519containerd.events.TaskCheckpointedcontainerd.io/defaults/snapshottercontainerd.io/distribution.source.containerd.task.v2.ConnectResponsecontainerd.task.v2.ShutdownRequestcould not get free loop device: %wcould not open loop device: %s: %wcrypto/aes: invalid buffer overlapcrypto/des: invalid buffer overlapcrypto/rc4: invalid buffer overlapcrypto/rsa: missing public modulusdoaddtimer: P already set in timerdriver: remove argument from queryduration (%v) exceeds +10000 yearsduration (%v) exceeds -10000 yearsenable the default seccomp profileerror setting option on socket: %vexecutable file not found in $PATHexpected an RSA public key, got %Texpected comma after array elementexports content from all platformsextraction snapshot removal failedfailed to mount from repository %sfailed to read config file: %v: %wfailed to resolve reference %q: %wfailed to set loop device info: %vfailed to unmarshal raw result: %wfailed to write image manifest:
%wflag provided but not defined: -%sforEachP: sched.safePointWait != 0frame_settings_window_size_too_bigframe_windowupdate_zero_inc_streamgogoproto.goproto_unrecognized_all google.protobuf.FieldOptions_CTypegoogle.protobuf.Struct.FieldsEntrygrpc: message too large (%d bytes)http2: aborting request body writehttp: MultipartReader called twicehttp: connection has been hijackedhttp: persistConn.readLoop exitinghttp: read on closed response bodyi/o operation on closed connectionillegal base64 data at input byte in \u hexadecimal character escapeinternal error: block too big (%d)invalid nested repetition operatorinvalid or unsupported Perl syntaxinvalid padding bits in BIT STRINGinvalid version %q: too many partsio.containerd.cgroups.v1.BlkIOStatio.containerd.cgroups.v1.RdmaEntryio.containerd.cgroups.v2.RdmaEntrymedia-type: schema 1 not supportedmismatching field: got %v, want %vmspan.ensureSwept: m is not lockedno manifest found for platform: %wno matching entries in passwd fileonly
manifests may be exported: %wout of bounds access of target: %wout of memory allocating allArenasproto: duplicate enum registered: proto: unexpected type %T in oneofprotobuf tag not enough fields in reflect.FuncOf: too many argumentsreflect: ChanDir of non-chan type reflect: Field index out of boundsreflect: Field of non-struct type reflect: Method index out of rangereflect: recv on send-only channelreflect: send on recv-only channelreflect: string index out of rangeremove the container after runningrequested skippable frame (%d) < 8runtime.SetFinalizer: cannot pass runtime: g is running but p is notruntime: netpollBreak write failedruntime: unexpected return pc for schedule: spinning with local worksemaphore: released more than heldslice bounds out of range [%x:%y:]slice bounds out of range [:%x:%y]snappy: decoded block is too largesnappy: unsupported literal lengthspecify the path to the stdin fifostorage.read_count_normalized %d /opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerTLS_ECDHE_RSA_WITH_AES_128_CBC_SHATLS_ECDHE_RSA_WITH_AES_256_CBC_SHATar:
Can't stat file %s to tar: %sThe name or reference was invalid.Top-level object must be a mappingTrust certs signed only by this CAUnable to find image '%s' locally /opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxy getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxy`hms{} + @ P [(''))() /opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdTsL/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *uint64 *zk.ACL Acquire Actions AddASN1 AddAuth AddBool AddCert AddData AddDate AddEnvf AddFlag AddI AddHost AddJSON AddLink AddMeta AddPeer AddProc AddTask AddTime AddWait AddZone AddrAdd AddrDel Address Advance AlgCode Aliases Allowed Ancount Applied Applier Arcount AssocID AtLeast AuthURL Backend Backlog Backoff BaseURI Bindcnt Binding BitSize Blksize Blobsum BoolVar BucketN Buckets BufSize BuildID

BusName CMajFlt CMinFlt CPUTime CSMHost CSMPort CStderr CStdout CacheID CanAddr CapDrop Catalog Cbu
CellLog Cgroups ChainID ChanDir Changed Changes Channel CheckFn CheckID ChildIP Ciphers ClassId Cleanup
CloseIO Cluster CmdLine CmpPort Collect Command Comment Compact Compare Complex Conceal Configs Confi
Conn_id Connect Console Consume Content Context Control Convert Cookies Counter Country Created Current Cur
DNSDone DNSName DataDir Datasec DebugFn DebugGC Debugln Decoder Decrypt Default Dequeue Destroy Deta
Dev_idx Devices DialTCP DialTLS Disable Discard Display Divisor DstAddr DstName DstPort Dst_len DupCorr Dy
EachRef Eaction Elapsed EmitInt EmitKey Enabled Encoded Encoder Encrypt EndLine EndTime Enqueue Entries En
ErrCode ErrorFn Errorln Eswitch EventCh Example ExecIDs Execute ExistsW Expires Explain Exports ExtDNS2 Ex
Fackets FailTTL Failure FatalFn Fatalln Feature Fetcher Filters FindAll FixTask Float32 Float64 Flushed Flusher Fo
Forward FouList Freeing GIDMaps Gateway GetArgs GetBody GetBool GetByID GetCaps GetCode GetCols GetCon
GetCopy GetData GetDest GetDone GetDrop GetEnum GetExec GetExit GetFile GetHelp GetHost GetInfo GetInit G
GetItem GetKey3 GetKeys GetKind GetLast GetLazy GetLine GetList GetLogs GetMean GetMeta GetMode GetNam
GetNext GetNode GetOCSP GetPath GetPeer GetPort GetPost GetRefs GetRole GetRoot GetRows GetSalt GetSink
GetSize GetSlot GetSpan GetStat GetSums GetTask GetType GetUint GetUnit GetUser GetWeak GotConn Hairpin
Handled Handler HasKeys HasLink HasNext HdrSize Headers HeapSys History Holders HomeDir HostKey Hrtimer
IAMInfo IDPBES2 IPAddrs IPMaskP IPSlice IPTable ISOWeek IfIndex Ifindex IifName ImageID Imports In6Addr
Inblock Include Indexer Indexes Ingress IniData Initial InsnOff Inspect Install Int8Var IntVarP Integer Inverse IpcMo
IsAgent IsAlive IsBytes IsEdns0 IsEmpty IsError IsFloat IsInt64 IsValid Iterate KVStore KeyFile KeySize KeyType
Keyring KillAll LLBCaps Latency LazyLog LeadCCC LevelAt LikePtr LinkAdd LinkDel Linkage LoadRef LocalIP
Locator LockKey LogName LogPath LogSync Logging Longest Lookups MACSize MPLSDst Machine Macvlan
MakeMap Mallocs Managed Manager MantExp MapKeys MapOpts MapType Mapping Marshal Matcher Matches
MaxAttr MaxBits MaxSize Maximum Measure MemFree Members MergeIn Message Methods Metrics Migrate MinP
MinTime Minimum Minutes Mirrors ModSqrt ModTime Msgsize Mutable NameOff NetMode NetNSFD NetNsID
Network NewDesc NewLock NewPath NewTask NextHop NextKey NoCache NoPivot NoProxy Noticef Nscount
NumResp NumUnit Observe OffMask Offmask OifName OldNode OldTask OnBuild OnError OneShot OpenTxN Op
Ordinal OrigErr OrigTtl Oublock Outputs Packets Padding PanicFn Panicln Parents ParseFS PassTTL PauseNs Paylo
PeelOff PeersID PidFile PidMode PkgPath Pkttype Plugins Pointer PortLow PortVID PostRun PreRunE PreVote Prep
Present Presign Primary PrintFn Println Priomap Proceed Process Product Profile Program Promisc Propose Publish
Quantum Queries QueueID QueueId RLocker RUnlock RWMutex RateEst RawBody RawData RawJSON RawPath
RawRead Rcv_mss Rcv_rtt ReadAll ReadAny ReadBit ReadDir ReadInt ReadMsg ReadNil ReadTCP ReadUDP Read
Readdir ReadyCh Receive Records RecvMsg RefName RefType Referer Refresh Regions Release Remotes Removed
Replace Request Reserve Resolve Respond Restart Restore Retrans Retryer Reverse RoleARN RootCAs RuleAdd Ru
Running Runtime RxBytes SCTList Sampler Sandbox ScaleBy Schemes Seccomp Seconds Secrets Section SendMsg
Servers Service Session SetAddr SetArgs SetAxfr SetBits SetBool SetCode SetFlag SetFrac SetFrom SetIxfr SetKeys
SetKind SetMeta SetMode SetName SetPrec SetSize SetTags SetTask SetTime SetTree SetTsig SetUint SetVlen Setc
Setpgid Setting ShmPath ShmSize Shuffle SigAlgo Signbit Similar Snd_mss Sockets SoftIRQ Sources SpecRef SrcA
SrcName SrcPort Src_len Started StdTime Stopped Storage Streams StringP StructT SubConn SubPool SubType Sub
Subnets Subtype Success Summary Symbols Symlink Syscall TCPInfo TLSInfo TagConn TagKeys Tasklet TimeOut
Timeout ToArray ToIPNet ToInput ToInt32 ToInt64 ToNames ToProto ToSlash ToSlice ToState TraceFn TraceID T
Trailer TryRecv TrySend TxBytes TxStats TypeLen TypeOff UDPCSum UDPSize UIDMaps URLHost URLPath
UTSMode Uint16P Uint32P Uint64P UintVar Ulimits Unacked Unknown Unmount Unwrite UpDelay Upgrade UseLi
UseTime User_id V1Image Variant Verbose Version VertPre Visited Volsize Volumes VxlanId WarnTTL Warning
WasIdle Watcher Weekday Weights Witness WorkDir Workers Wrapped WriteAt WriteTo Written X__pad0 YearDay
YellowB YellowF/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *v4.rule
*wal.WAL *zk.Conn *zk.Lock *zk.Mode *zk.Stat Absolute ActorKey AdSelect AddBytes AddChain AddChild AddE
AddError AddMount AddUint8 AddValue AddrList AddrType Addrtype Allocate Altitude Annotate AppArmor Apply
Attached Attempts Audience AuthInfo AuthType AutoSync Aversion Backdate BaseName Behavior BindAddr BindPo

Binomial Blobsums BoolVarP Buffered ByteHard ByteSoft BytesHex CPUQuota Ca_state CacheHit CacheKey Cache
CacheOpt CalledAs Campaign CanMknod CancelAt Canceled CapNames CastType Category CertFile CertType
Checksum Children ChownOpt ClassAdd ClassDel ClientID Coalesce Commands Comments Complete Compress
ConfigID Conflict ConnPool Constant Contains ContentD Continue CopyFile CopyFrom CopyList CopyNext CopyPip
CoreDump CountVar Creation CrossOut Cversion DNSNames DNSStart DataLoss DataPath DataSize Datasets Deadli
DefValue DefaultB DefaultF Delegate Demangle Describe Detailed DevMajor DevMinor Devmajor Devminor DiffCo
DiffSize Digester Download Duration EachPage ElseList EmitBool EnableGC Encircle EncodeTo Encoding Endpoint
ErrorLog Evaluate EventNum Examples Exchange Excludes ExecFunc ExecRoot ExecuteC Executor Exemplar ExitC
ExitFunc ExitTime ExitedAt Expanded Expected ExportTo Exporter Extended FTPProxy Facility FailFast Failures
Familiar Families Features FieldMap FileInfo FileLine FileName FileSize Filename Finalize FindType Finished Float
Float64P FlowInfo Flowinfo FlushAll FormFile FormName Fragment FromArgs FromDisk Frontend Function GCPoli
GRPCConn Generate GetAttrs GetBegin GetBuild GetCache GetCount GetCtype GetEntry GetError GetField GetFina
GetFirst GetGauge GetGroup GetIPNet GetImage GetInUse GetIndex GetInfos GetInput GetInt16 GetInt32 GetInt64
GetLabel GetLayer GetLevel GetLinks GetMajor GetMinor GetMkdir GetMount GetNanos GetNodes GetOwner GetP
GetPaths GetQuota GetRange GetRealm GetRoute GetRules GetScale GetShard GetSinks GetSize_ GetSlice GetStart
GetState GetTasks GetToken GetTotal GetTrace GetTypes GetUint8 GetValue GetWatch GetWidth Getxattr GoString
GroupAdd GroupIds HTTPPath Handlers HasAlias HasError HasFired HasFlags HashFunc HeapIdle HelpFunc Hijack
Hijacker HopLimit Hoplimit HorizPre HostAddr HostName HostOnly HostPort Hostname HttpAuth HttpOnly IDPBK
IPAMData IPNetVar IPSliceP IPv4Data IPv6Data IdleTime IfaValid InUserNS Indirect InitFunc InitSpec InsertID Ins
Int16Var Int32Var Int64Var Int8VarP IntSlice IntValue Internal Interval IpamInfo IsAlways IsAssign IsBridge IsClien
IsFolded IsHyperV IsLeader IsMember IsNormal IsPacked IsPaused IsPinned IsProto3 IsPseudo IsScalar IsSecure IsS
IsStream IsString IsSubset IsUint64 Iterator JSONName JoinAddr JoinRaft KexAlgos KeyBytes KeyLease KeyUsage
KillShim KindFlag LLIPAddr LacpRate Language Latitude Learning LengthOf LessThan LinkFrom LinkList LinkNar
LinkType Linkname ListKeys ListLogs ListOpts ListPids Listener Locality Location LockOpts LockedAt LogEvent
LogLevel LookupIP LookupMX LookupNS LossCorr MACAddrs MSpanSys MagentaB MagentaF Manifest MapIndex
MapRange MarkDead Maskable Maskbits MatchErr MaxDelay MaxFiles MemTotal Messages Metadata MinLinks
MinValue Minburst MkdirAll MulRange Multiply MustSync MyWindow NameList NameUsed NdotsSet Negation
NeighAdd NeighDel NeighSet NetIPNet Networks NewChain NewChild NewGauge NewRoute NewTimer NextLine
NextPage NextPart NextType NlMsghdr NoCommit NoLchown NodeAddr NodeGuid NodeMeta NodeName NodeTyp
NotAfter NotFound NotHoist NotifyCb Nsignals NumField NumLabel NumNodes NumPorts Official Offshift OnCom
OpenFile Optional OrigErrs OrigName Original OtherLen OtherSys Overhead Overline PEMBlock PMtuDisc PacketC
PageInfo PageSize ParentIP ParseAll ParseErr Password Patterns PauseEnd PeakRate Peakrate PeerAddr PeerConn
PeerName Platform Policies Populate PortHigh Position PostForm PostRunE Pow22523 PowerSet PreferGo PrintErr
Priority Progress Protinfo Protocol Provider Province ProxyArp ProxyEnv PruneTag PushBack PusherID QdiscAdd
QdiscDel QueryIDs Question Queue_id RGB3BitB RGB3BitF RGB8BitB RGB8BitF RawBytes RawFlags RawQuery
RawToken RawWrite Rdlength ReMapAll ReadBits ReadBool ReadByte ReadFile ReadForm ReadFrom ReadFull
ReadInt8 ReadIntf ReadLine ReadLogs ReadOnly ReadRune ReadTime ReadUint ReaderAt Readlink Readonly Ready
RealSize Receiver RecvMsgs RecvTime Redacted RefCount Register Registry Released ReloKind RemoteIP Repeated
RepoName RepoTags Requests Requeues Required Requires ReserveN Reserved Resolver Resource Response ResultI
Retrieve Revision Rollback RootCert RootPair Rootless RouteAdd RouteDel RouteGet RtGenmsg RuleList Runnable
Runtimes RxErrors SCTPRead SameSite SaveSnap Scope_id ScrollUp SecretID Sections Security Segments Selector
SendFile SendMsgs SentTime Sequence ServeDNS ServeTLS Services SetALUOp SetBurst SetBytes SetEDNS0
SetEdns0 SetError SetField SetFlags SetFloat SetGauge SetIndex SetInt64 SetLabel SetLevel SetLimit SetNames SetO
SetRcode SetReply SetState SetValue Setxattr Severity ShimInfo Shstrndx Shutdown SignCert Signaled Simplify Size
Snapshot Snd_cwnd SockAddr SpanKind SpecText Spoofchk StackSys StartNow StatFile StatPath StateDir Statuses
StopShim StreamCh StreamID SubChans Subjects SubnetIP Subtract Supports SwapFree SysUsage TagImage TarUnta
Terminal TimeHard TimeSoft ToString ToUint32 ToUint64 TokenURL TrailCCC Transfer Traverse Truncate TrustKe
TxErrors TypeFlag Typeflag Uint8Var UintVarP UniqueId UnixConn UnixNano Unparsed UseStdin UserName UserT

Username ValidLft Validate Validity Verified Verifier Vertexes VisitAll WaitTime WalkPath Warningf Warnings
Wildcard WireType WithArgs WithName WithTime Writable WriteExt WriteInt WriteMsg WriteNil WriteRaw Write
XXX_Size/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *v4.rules
*view.Row *xml.Attr *xml.Name *zk.Event *zk.State A dns:"a" AResource AcceptTCP AddCookie AddDigest
AddDriver AddGoFlag AddMember AddNested AddObject AddResult AddRtAttr AddSample AddSignal AddString
AddUint16 AddUint24 AddUint32 Addralign Addresses Aggregate Algorithm AllocSize Allocated Allocator AllowHT
Annotatef Anonymous ApplyDiff ApplyOpts AsSymbols AtomicPut Audiences AuthStyle Authority Authorize
AutoClose Available BaseDelay BasicAuth BeginTime Benchmark BindAddrs BitLength BitString BlinkSlow BlockSi
BodyStart BoolSlice BoolValue BoundAddr Broadcast BuildArgs BuildOnly BuildOpts BumpMajor BumpMinor
BumpPatch BusObject ByteOrder BytesHexP BytesSent CPUPeriod CPUShares CRTValues CacheFrom CacheKeys
CallSlice CanCgroup CanRemove CancelAll Cancelled CellAlign Character ChildrenW ChownOpts ClassList ClassTy
ClearData ClearFlag ClientCAs ClientTLS CloseConn CloseRead CloseSend Coalesced Collector Completed Configur
Conflicts ConnState Container Continued CountVarP CreateCRL CreatedAt CurryWith CurveName DBusError
DNSConfig DNSSuffix DataScope DebugData DecodeMsg DecoderOf Decrement DelayCorr DelayFrom DeleteAll
DeleteCAS DeleteLog DeviceIDs DeviceIdx DialCreds DidResume Discovery DiskUsage DotReader DownDelay
DportMask DriverCfg DstDriver DstMaster DstPrefix DualStack Duplicate DurationP DynString EachValue Eavesdrop
EmitInt32 EmitInt64 EnableICC EncapMode EncapType EncodeMsg EncoderOf EncryAlgo EndStream Endpoints
EraseLine ErrorCode EventChan EventFile EventLogs EventType Exception Exclusion Exclusive ExpiresAt Extension
ExtraData Extracted FastLeave FileLocks FillBytes FilterAdd FilterDel FindIndex FirstData FlagsUsed FlowBased
Forbidden ForceJoin FormValue Formatter FreeAlloc FreeBytes FreePageN FromBytes FromImage FromNames
FromSlash Frontends Ftruncate FullBytes FuncProto GTPPDPAdd GTPPDPDel GetAction GetBounds GetBucket
GetByBlob GetByName GetByType GetCached GetCallId GetConfig GetCustom GetDelete GetDetail GetDiffID
GetDigest GetDriver GetDryRun GetFields GetFilter GetFormat GetFrames GetGlobal GetHashes GetInitID GetInputs
GetIpPort GetJstype GetLabels GetLength GetLocale GetLogger GetMember GetMethod GetMetric GetMixins GetMk
GetMounts GetNodeID GetNumber GetObject GetOffset GetOldest GetOneofs GetPacked GetParent GetPlural
GetRanges GetRecord GetRemote GetResize GetResult GetRlimit GetSSHOpt GetScopes GetSecret GetSerial GetServ
GetShared GetSigned GetSocket GetSource GetSpanId GetSpread GetStatus GetStream GetString GetSyntax GetTarge
GetUint16 GetUint32 GetUint64 GetValues GetXattrs GitCommit GoVersion GobDecode GobEncode GroupName
GuestNice HTTPProxy HandleRPC Handshake HardState HasCaller HasParent HeapAlloc HeapInuse Heartbeat
HeightMin HelloTime Histogram HitLength HostsPath IDMapping IDToIndex IPAddress IPMaskVar IPNetVarP
IfAddrmsg IfInfomsg ImageName ImagePath InContext InOrStdin Inception Increment IndexType InitCheck InitLevel
Int16VarP Int32VarP Int64VarP IntSliceP Interface Intersect IpcMounts IsBuiltIn IsComplex IsDefault IsEnabled
IsExpired IsKeyword IsLearner IsLiteral IsManager IsMessage IsMounted IsOnCurve IsPacked3 IsPrivate IsProcess
IsRegular IsRunning IsSampled IsServing IsSuccess IsTimeout Isolation JoinGroup JoinToken KeepAlive KeepBytes
KeyPrefix KeyReader KeyUsages KeyWriter LGetxattr LSetxattr LabelKeys LastClock LastError LastIndex LatencyM
LazyPages LeafAlloc LeafInuse LeafPageN LeaseLife LightRedB LightRedF LinkAttrs LinkIndex LinkSetUp LinkStat
Linklayer ListFlags ListNodes ListTasks ListenTCP LoadCache LoadImage LocalAddr LocalNode Locator64 LockDel
LockIndex LogConfig LogFields LogFormat LogOutput Longitude LookupSRV LookupTXT MCacheSys MFASerial
MSAddress MakeSlice Manifests MarshalDB MarshalTo MatchRune MaxErrAge MaxTokens MaxTxRate MediaType
MessageID MiiStatus MinTxRate MmapFlags Modifiers MountOpts MountType Mountable MoveAfter MultiPath
Multiaddr Multicast MyAliases Namespace NeighList NetIPMask NetworkID NewSpanID NewStream NewTicker
NoService NodeCount NodeDeref NonceSize Normalize NotBefore NotifyMsg NumMethod NumQueued NumSubexp
OOMKilled OSVersion OldConfig OldSecret OnEvicted OpenStdin OperState Operation OrigError OutStream Overwr
PackEFace PadLength PageAlloc PageCount Paginator ParentKey ParseForm ParseGlob ParseName Partition PathCach
Pdeathsig PeerEqual Phentsize PidsLimit Platforms Precision PrefixLen Prefixlen PrevExist PrevIndex PrevValue
PrintErrf ProcessID Processes ProjectID PromiseID ProtoSize Providers ProxyDial ProxyFunc PublicKey Publisher
PullImage PushFront PushImage PutObject PutUint16 PutUint32 PutUint64 QdiscList QdiscType Qualifier QuickSpan

RRsetUsed RaftState RatString RawIssuer RawQuotes Rcv_space ReadArray ReadBatch ReadBytes ReadFrame ReadIndex ReadInt16 ReadInt32 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 ReadValue ReadWrite Rebalance Reconnect Recursive Reference Registers Remaining RemoteAPI RemoteCAs RemoveAll RemoveKey RenewLock RequestID Reserved1 ResetBody ResizePty ResolveIP ResolveOp Resources Resumable Retryable ReusePort RootBlock RootToken RoundTrip RouteList RouteType RunConfig RxDropped RxPackets SCTPWrite Sa_family SandboxID Sandboxes ScanState SecretKey SecretOpt SeenFiles Selectors SendToTCP SendToUDP Sensiti Separator Serialize ServeBlob ServeConn ServeHTTP ServiceID SessionID SetBuffer SetConfig SetDiffID SetEvents SetExited SetFormat SetFrac64 SetFramer SetHeader SetIndent SetInitID SetIssuer SetJumpOp SetLabels SetLinger SetNoLock SetNotify SetOutput SetParent SetPolicy SetPrefix SetSource SetStatus SetString SetTaskId SetUint64 SetUpdate SetUpload SetUserId SetupFunc SharedKey Shentsize Shorthand Signature SingleRef SkipClean SkipSpace SlaveType SliceType SlotTuple SnapshotD Snapshots SoftState SortByPos SortFlags SourceMap SourceOpt SourceSA Specified SpillTime SplitKeys SportMask SqrtRatio SrcDriver StartCond StartLine StartSpan StartTime StartedAt Starttime StdinOnce StdinPipe StopQuery StreamDep StringLen StringOff StringVar Subrouter Subscribe Subsystem Successes SwapLimit SwapNamed SwapTotal TLSConfig TLSUnique TLSVerify TagAndAdd TagFilter TagImages TarStream TarWriter TargetIdx Templates Temporary Terminate TimeNanos Timestamp TlsConfig ToCDNSKEY ToFloat32 ToFloat64 ToRFC3597 ToSubject TokenCode TokenText TokenType Transform Transport TrapCause Truncated TxDropped TxPackets TypeCheck Uint16Var Uint32Var Uint64Var Uint8VarP UintSlice UlimitOpt Underli UnixMicro UnixMilli UnlockKey Unmarshal UnsafeCap UnsafeGet UnsafeNew UnsafeSet UntarPath UpdateKEK UpdateTTL UpdatedAt UsageFunc UseNumber UseStderr UseStdout UserAgent UserEvent ValidArgs ValueElem ValueSize ValueType Versioned VisitExpr VivaldiCC VivaldiCE VolumesRW WaitGroup WaitIndex WaitWrite WalkIPAMs WalkLinks WalkTable WantReply WarningFn Warningln WatchTree Watchable WillRetry WithError WithExtra WithField WithLease WithState WithValue WorkerRef WrapError WriteBool WriteByte WriteData WriteFi WriteFlag WriteInt8 WriteIntf WriteMore WriteOnce WritePing WritePong WriteRune WriteTime WriteToIP WriteTru WriteUint XXX_Merge X__unused/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *uint64 *v1.Job *v1.Pod APIPath AbsPath Actions AddASN1 AddCert AddDate AddEnvf AddFlag AddFunc AddHook AddHost AddKeys AddMeta AddZone Address Aliases AsInt64 AsScale AuthURL BackOff Backoff BaseURL BatchV1 Binding BitSize Blksize BlockIO BoolVar Buckets BuildID ByIndex CMajFlt CMinFlt CPUPerc CPUTime C_Login CanAddr CapDr ChanDir Changed Changes Cluster Collect Command Comment Compare Compile Complex Conceal Configs Connec Consume Content Context Control Convert Cookies Counter Country Created Current CurveID DNSDone DNSName DebugFn DebugGC Debugln Decoder Decrypt Default Derived DestTag Destroy Details Devices DialTLS Disable D Display Elapsed EmitInt Enabled Encoded Encoder Encrypt EndTime ErrCode ErrorFn Errorln Example ExecIDs Ex Expired Expires Extract Fackets FatalFn Fatalln Feature Filters FindAll Float32 Float64 Flusher Fprintf GIDMaps Ga GetArgs GetBody GetBool GetByID GetCaps GetCert GetCode GetCols GetConn GetCopy GetData GetDest GetDon GetEnum GetExec GetExit GetFile GetFlow GetHead GetHelp GetHost GetInfo GetInit GetInt8 GetItem GetKey3 Ge GetLazy GetLine GetList GetLogs GetMeta GetMode GetName GetNode GetPath GetPeer GetPost GetRefs GetRole GetRoot GetRows GetSalt GetSlot GetSpan GetStat GetTags GetTask GetType GetUint GetUser GetWeak GetXRef GetYaml GotConn Handler HasNext HashAlg Headers HeapSys HomeDir HostKey Hrtimer IDPBES2 IPMaskP IPSli ISOWeek Ifindex ImageID Inblock Ingress InitPIN Inspect Int8Var IntVarP Inverse IpcMode IsBytes IsEmpty IsErro IsFloat IsInt64 IsTable IsTyped IsValid Iterate KdfName KdfOpts KeyData KeyFile Keytype Latency LazyLog Lead LikePtr LogName LogOpts LogPath Longest Lookups MakeMap Mallocs Manager MantExp MapKeys Marshal Matc

MaxBits MemPerc Message Methods Metrics Migrate MinPrec MinTime Minutes Mirrors Missing ModSqrt ModTim
NamePos Network NewDesc NoCache NoProxy NoTrunc NonUTF8 NumKeys Objects Observe OldNode OldTask
OnBuild OnError OpenRaw Options OrigErr Oublock Outputs PanicFn Panicln ParseFS PauseNs Payload Pending Pe
PidMode PkgPath Pkttype Plugins Pointer PostRun PreRunE PrintFn Println Private Process Publish Queries RLocke
RLocker RUnlock RWMutex RawPath RawRead Rcv_mss Rcv_rtt ReadAny ReadBit ReadDir ReadInt ReadMsg Rea
ReadOne ReadVal Readdir RecvMsg RefName RefType Referer Release Replace Request Reserve Resolve Restore R
RootCAs RoundUp Running ScaleBy Schemes Seconds Secrets SendMsg Service Session SetArgs SetBits SetBool S
SetFrac SetKind SetMeta SetMode SetName SetPrec SetTree SetType SetUint Setctty Setpgid Setting ShmSize Shuff
Signbit Signers Snd_mss Sockets SoftIRQ Sprintf Started StdTime Stopped Storage Streams StringP SubConn Subjec
Success Syscall TCPInfo TLSData TLSInfo TLSPath TagConn TagName Targets Tasklet Timeout ToArray ToInput
ToInt32 ToInt64 ToNames ToProto TraceFn Traceln Trailer TryLock TryRecv TrySend UIDMaps URLHost URLPat
UTCTime UTSMode Uint16P Uint32P Uint64P UintVar Ulimits Unacked Unknown Unwrite UseLine Verbose Versi
Volumes Warning WasIdle Weekday Witness WrapKey Wrapped WriteAt WriteTo Written X__pad0 YearDay Yellow
YellowF/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *v1.pods
Absolute AddBytes AddError AddFloat AddFuncs AddMount AddPaths AddUint8 AddValue Allocate AsObject Audi
AuthInfo AuthType BaseRole Binomial BoolVarP Boundary Buffered BytesHex CPUQuota CSINodes C_Digest
C_Logout C_SetPIN C_Verify Ca_state CalledAs CancelAt CapNames CastType CertData CertFile CertType CheckT
Checksum ChownOpt ClientID CloseAll CmpInt64 Commands Comments Complete Compress ConfigID Conflict
ConnPool Contains Contents Continue CopyFrom CopyList CopyPipe CoreDump CountVar Creation CronJobs Cross
DNSNames DNSStart DataLoss DataSize Deadline DeepCopy DefValue DefaultB DefaultF Describe DevMajor
DevMinor Devmajor Devminor DiffCopy Digester Disabled Document Duration ElseList EmitBool EnableGC Encircl
Endpoint ErrorLog EventNum Examples Exchange Excludes ExecuteC ExitCode ExitFunc Expanded Expected FTPPr
FailFast Failures Familiar Families FieldMap FileInfo FileLine FileName FilePath Filename Finalize Float32P Float64
Flowinfo FormFile FormName Fprintln Fragment Function GetAllOf GetAttrs GetBegin GetBuild GetByKey GetCach
GetCount GetCtype GetEmail GetEntry GetError GetField GetFinal GetGauge GetGroup GetIPNet GetInUse GetIndex
GetInfos GetInput GetInt16 GetInt32 GetInt64 GetItems GetLabel GetLevel GetLinks GetMajor GetMinor GetMkdir
GetMount GetNanos GetOneof GetOwner GetPatch GetPaths GetRange GetRealm GetRoute GetScale GetSize_ GetSi
GetSlice GetStart GetState GetStore GetTitle GetToken GetTotal GetUint8 GetValue GoString GroupAdd GroupIds
HasAlias HasFired HasFlags HasSwarm HashFunc HeapIdle HelpFunc Hijacker HostOnly HostPort Hostname HttpOn
IDPBKDF2 IPNetVar IPSliceP IdleTime ImageTag InUserNS Indirect Inherits InitRoot Insecure Int16Var Int32Var
Int64Var Int8VarP IntSlice IntValue Internal IsAlways IsAssign IsBridge IsClient IsClosed IsFormat IsHyperV IsLoad
IsNormal IsPacked IsProto3 IsPseudo IsScalar IsSecure IsStream IsString IsUint64 JSONName KeyBytes KeyUsage
LengthOf LinkName Linkname ListFunc ListKeys ListMeta ListOpts Listener LoadJSON Locality Location LogEvent
LogLevel LookupIP LookupMX LookupNS MSpanSys MagentaB MagentaF Manifest MapIndex MapRange MarkDea
MatchErr MaxDepth MemTotal MemUsage Metadata Modified MulRange Multiply Negative Networks NewGauge
NewRoute NewTimer NextLine NextPart NoLchown NodeAddr NodeList NodeType NotAfter NotFound NotifyCb
Nsignals NumField NumberGT NumberLT Official OnDelete OnStatus OnUpdate Operator Optional OrigName Other
Overhead Overline ParseAll ParseErr Password Patterns PauseEnd PeerAddr Platform Position Possible PostForm
PostRunE Pow22523 PreferGo PrintErr Priority Protocol Province ProxyEnv ProxyGet PushBack PusherID Question
QuoExact QuoRound RGB3BitB RGB3BitF RGB8BitB RGB8BitF RandBool RawQuery RawWrite ReadBits ReadBo
ReadByte ReadFile ReadForm ReadFrom ReadInt8 ReadLine ReadRune ReadUint ReadySCs RealSize RecvTime
Redacted Register Registry Repeated Replicas RepoInfo RepoName RepoTags Requests Required ReserveN Reserved
Resolver Resource Response Restrict RoleName Rollback RootPair RootRole Runnable Runtimes SameSite Scope_id
ScrollUp SecretID Security SentTime ServeTLS ServerOK Services SetBurst SetBytes SetEDNS0 SetError SetFlags
SetFloat SetIndex SetInt64 SetLevel SetLimit SetMilli SetMulti SetScale SetValue Severity Shutdown SignCert SignI
SignRoot Signaled Simplify Snapshot Snd_cwnd SortKeys SpewKeys Sprintln StackAPI StackSys Statuses StreamID
SubChans Subjects Subtract Supports SysUsage TaskList TaskLogs Template Throttle ToSigned ToString ToUint32
ToUint64 TokenURL TrailCCC Traverse Truncate TryRLock TypeFlag TypeMeta Typeflag Uint8Var UintVarP

UnixNano Unparsed Unscaled UserName UserTime Username Validate Validity Verified Verifier Vertexes VisitAll Warningf Warnings WireType WithArgs WithKind WithTime WriteInt WriteMsg WriteNil WriteOne WriteRaw Write XXX_Size/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *v1.roles *zip.File AResource AcceptTCP AddCookie AddGoFlag AddObject AddSchema AddTarget AddUint16 AddUint24 AddUint32 Addresses Algorithm AllowHTTP Anonymous AuthStyle Authority Available BasicAuth BeginTime BitLength BitString BlinkSlow BlockRead BlockSize BoolSlice BoundAddr Broadcast BuildArgs BuildOnly BytesHex BytesSent CPUPeriod CPUShares CRTValues C_Decrypt C_Encrypt C_GetInfo C_InitPIN C_WrapKey CacheFrom CacheType CallSlice Cancelled CertBytes ChownOpts ClientCAs CloseConn CloseRead CloseSend Coalesced Comple ConfigDir ConnState Container Continued Converter CountVarP CreateCRL CreatedAt CreatedBy CurryWith DebugD DecoderOf DeepEqual DelayFrom DeriveKey DeviceIDs DialCreds DidResume DigestKey Discovery DiskUsage DotReader DualStack DurationP EmitInt32 EmitInt64 EncoderOf EncryAlgo EndStream Endpoints EqualTime EraseLi ErrStatus ErrorCode EventLogs Evictions Exclusion Exclusive Extension FieldsMap FillBytes FindIndex Forbidden FormValue Formatter FoundKeys FromBytes FromNames Ftruncate FullBytes GetAction GetBucket GetByName GetCached GetCallId GetConfig GetCustom GetDelete GetDetail GetDigest GetFields GetFilter GetFormat GetFrames GetGlobal GetInputs GetIpPort GetJstype GetLabels GetLength GetLocale GetLogger GetMethod GetMetric GetMixin GetMkfile GetMounts GetNodeID GetNumber GetObject GetOffset GetOneofs GetPacked GetParent GetPrefix GetRanges GetRecord GetRemote GetResize GetResult GetRlimit GetSSHOpt GetSchema GetScopes GetSecret GetServer GetShared GetSigned GetSocket GetSource GetSpread GetStatus GetStream GetString GetSuffix GetSyntax GetTarget GetUint16 GetUint32 GetUint64 GetValues GetXattrs GitCommit GoVersion GobDecode GobEncode GroupKind GroupName GuestNice HTTPProxy HandleRPC Handshake HasCaller HasParent HasSynced HeapAlloc HeapInuse Histogram HostsPath IPAddress IPMaskVar IPNetVarP ImageList ImageLoad ImagePull ImagePush ImageSave InOrStdin Increment IndexKeys Ingresses InitLevel InitToken InlineMap Int16VarP Int32VarP Int64VarP IntSliceP Intensity Interface Interpret IsComplex IsDefault IsInvalid IsKeyword IsLiteral IsMessage IsOnCurve IsPack IsPrivate IsProcess IsRegular IsTimeout Isolation JoinToken KeepAlive KeyUsages LastError LatencyMu LightRedB LightRedF ListFiles ListRoles LocalAddr LogConfig LogFields LookupEnv LookupSRV LookupTXT MCacheSys MakeSlice Manifests MarshalTo MatchRune MaxErrAge MaxPinLen MaxTokens Mechanism MediaType MinPinLen Modifiers MountBlob MoveAfter Multiaddr MustBeOfA Namespace NetworkID NetworkRx NetworkTx NewStream NewTicker NilChance NoResolve NonceSize NotBefore NumMethod NumSubexp NumberGTE NumberLTE NumberNot OOMKilled OSVersion OldConfig OldSecret OmitEmpty OpenStdin Overwrite PackEFace PadLength Parameter ParseForm ParseGlob ParseName Pdeathsig PidsLimit Platforms PluginSet Precision PrefixLen PrintErrf ProjectID PromiseID ProtoSize ProtoTime ProxyDial ProxyFunc PublicKey PushFront PutUint16 PutUint32 PutUint64 QuickSpan RatString RawConfig RawIssuer Rcv_space ReadArray ReadBytes ReadFrame ReadInt16 ReadInt32 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 Reference RemoteRef RemoveAll RemoveKey Resources RotateKey RoundTrip SandboxID ScanState SeenFiles Sensitive ServeBlob ServeConn ServeHTTP ServerURL SessionID SetBuffer SetFormat SetFrac64 SetHeader SetIndent SetLabels SetLinger SetLogger SetNoLock SetOutput SetPrefix SetScaled SetString SetUint64 SharedKey Shorthand SignFinal Signature SignedTag SkipClean SkipSpace SortFlags SourceMap Specified SqrtRatio StarCount StartCond StartLine StartSpan StartTime StartedAt Starttime StdinOnce StdinPipe StorageV1 StreamDep StringGTE StringLTE StringVar Subrouter Successes SwapLimit SwarmIn SwarmJoin TLSConfig TLSStatus TLSUnique TLSVerify TarStream TarWriter Templates Temporary Threshold Timestamp ToFloat32 ToFloat64 ToNewRole ToRawInfo ToService TokenText TokenType Transform Transport TrapCause Truncated TryAccept TypeCheck Uint16Var Uint32Var Uint64Var Uint8VarP UintSlice Underline UnixMi UnixMilli UnlockKey Unmarshal UnsafeCap UnsafeGet UnsafeNew UnsafeSet UnwrapKey UpdatedAt UsageFunc UseNumber UserAgent ValidArgs ValueElem ValueType Versioned WaitWrite WarningFn Warningln WatchFunc WithError WithExtra WithField WithState WithValue WrapError WriteBool WriteByte WriteData WriteInt8 WriteMor WriteOnce WritePing WriteRune WriteToIP WriteTrue WriteUint XXX_Merge X__unused/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

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* When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processedIf the Labels of a ReplicaSet are empty, they are defaulted to be the same as the Pod(s) that the ReplicaSet manages. Standard object's metadata. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#metadataExternalMetricSource indicates how to scale on a metric not associated with any Kubernetes object (for example length of queue in cloud messaging service, or QPS from loadbalancer running outside of cluster). Exactly one "target" type should be set.APIVersion defines the version of this resource that this field set applies to. The format is "group/version" just
like the top-level APIVersion field. It is necessary to track the version of a field set because it cannot be automatically converted.Template is the object that describes the pod that will be created if insufficient replicas are detected. This takes precedence over a TemplateRef. More info:
https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#pod-templateIf specified, the port on the given protocol. This can either be a numerical or named port on a pod. If this field is not provided, this matches all port names and numbers. If present, only traffic on the specified protocol AND port will be matched.externalName is the external reference that kubedns or equivalent will return as a CNAME record for this service. No proxying will be involved. Must be a valid RFC-1123 hostname (https://tools.ietf.org/html/rfc1123) and requires Type to be ExternalName.Replicas is the number of desired replicas. This is a pointer to distinguish between explicit zero and unspecified.
Defaults to 1. More info: https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#what-is-a-replicationcontrollerallowedCapabilities is a list of capabilities that can be requested to add to the container. Capabilities in this field may be added at the pod author's discretion. You must not list a capability in both allowedCapabilities and requiredDropCapabilities.Replicas is the number of desired replicas. This is a pointer to distinguish between explicit zero and unspecified. Defaults to 1. More info:
https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller/#what-is-a-replicationcontrollerrevisionHistoryLimit is the maximum number of revisions that will be maintained in the StatefulSet's revision history. The revision history consists of all revisions not represented by a currently applied StatefulSetSpec version. The default value is 10.The GID to run the entrypoint of the container process. Uses runtime default if unset. May also be
set in SecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence for that container.PreemptionPolicy is the Policy for preempting pods with lower priority. One of Never, PreemptLowerPriority. Defaults to PreemptLowerPriority if unset. This field is alpha-level and is only honored by servers that enable the NonPreemptingPriority feature.Must be empty before the object is deleted from the registry. Each entry is an identifier for the responsible component that will remove the entry from the list. If the deletionTimestamp of the object is non-nil, entries in this list can only be removed.allowedRuntimeClassNames is a whitelist of RuntimeClass names that may be specified on a pod. A value of "*" means that any RuntimeClass name is allowed, and must be the only item in the list. An empty list requires the RuntimeClassName field to be unset.MutatingWebhookConfiguration describes the configuration of and admission webhook
that accept or reject and may change the object. Deprecated in v1.16, planned for removal in v1.19. Use admissionregistration.k8s.io/v1 MutatingWebhookConfiguration instead.singularName is the singular name of the resource. This allows clients to handle plural and singular opaquely. The singularName is more correct for reporting status on a single item and both singular and plural are allowed from the kubectl CLI interface.matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.The name of the cluster which the object belongs to. This is used to distinguish resources with same name and namespace in different clusters. This field is not set anywhere right now and apiserver is going to ignore it if set

in create or update request.Active reports the checkpointed config the node is actively
using. Active will represent either the current version of the Assigned config, or the current LastKnownGood
config, depending on whether attempting to use the Assigned config results in an error.
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr *uintptr *url.URL
Absolute AddBytes AddUint8 AddValue AuthInfo AuthType Binomial Buffered ByNumber BytesPtr Ca_state CacheD
CapNames CastType Category Commands Compiled Compress ConnPool Constant Contains CopyFrom CopyList
CopyPipe CoreDump CountFds DNSNames DNSStart Deadline DefValue DevMajor DevMinor Devmajor Devminor
Digester DoneFunc Duration ElseList EncodeTo Encoding Endpoint EventNum ExitCode ExitFunc ExitIdle ExitTime
Expanded Expected Exporter Extendee FailFast Familiar Families FieldMap FileInfo FileLine FileName FilePath File
Filename FindType Flowinfo Footnote FormFile FormName Fragment FullName Function GetArray GetBegin GetCty
GetEntry GetField GetImage GetLabel GetLevel GetLinks GetLinux GetNanos GetOwner GetPaths GetStart GetState
GetUsage GetValue GoString GroupIds HasFired HashFunc HelpName HideHelp Hostname HttpOnly IdleTime InitJS
Instance Int32Ptr Int64Ptr Int64Var IntSlice IsAssign IsClient IsFenced IsHeader IsNormal IsPacked IsPinned IsProto3
IsPseudo IsPublic IsScalar IsStream IsString IsUint64 JSONName KeyUsage KindFlag LDConfig LinkData LinkName
Linkname ListData ListPids Listener Locality Location LookupIP LookupMX LookupNS MapIndex MapRange MapV
MarkDead MaxDelay Messages Metadata MulRange Multiply Networks NewChild NewField NewValue NextPart
NodeType NotAfter Nsignals NumEnums NumField NumFiles NumFlags Optional OrigName OutTable Overhead
Password PeerAddr Platform Position PostForm Pow22523 PreferGo Priority Protocol Province PushBack Question
RawQuery RawWrite ReadByte ReadForm ReadFrom ReadLine ReadRune ReaderAt ReadySCs RealSize RecvTime
Redacted Register Repeated RepoTags Required Requires Resolver Response Revision RunCount SPIFFEID SameSite
Scope_id Sections Security SentTime Sequence Services SetALUOp SetBytes SetEDNS0 SetError SetFlags SetFloat
SetInt64 SetLabel SetLevel SetValue Severity Shstrndx Shutdown Signaled Simplify SizeType Snapshot Snd_cwnd
StreamID SubChans Subjects Subtract SysUsage TableLog Terminal TextName TrailCCC Truncate TypeFlag TypeNa
Typeflag UnixConn UnixNano Unparsed UseBlock UseProxy UserName UserTime Username Validate Verified Verif
VisitAll Warningf WireType WithArgs WithTime WriteInt WriteMsg
XXX_Size/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.stringifyIntSliceFlag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runctype..eq.github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSliceFlag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow.dwrap.4/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow.dwrap.3/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgithub.com/opencontainers/runc/libcontainer/cgroups/systemd.(*unifiedManager).getSliceFull/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.stringifyIntSliceFlag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(*Context).IntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(*Context).GlobalIntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runctype..eq.github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSliceFlag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcruntime.convTslice.stkobj/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow.stkobj/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgo.itab.*github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSlice,flag.Value/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgo.itab.github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSliceFlag,github.com/opencontainers/runc/vendor/github.com/urfave/cli.Flag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runcgo.itab.sort.IntSlice,sort.Interface

Found
in path(s):
* (?i)^(?:<[A-Za-z][A-Za-z0-9-]*(?:\s+[a-zA-Z_:][a-zA-Z0-9:._-]*(?:\s*=\s*(?:[^'"=<>`\x00-\x20]+|'[^']*'|"[^"]*"))?)*\s*/?>|</[A-Za-z][A-Za-z0-9-]*\s*[>]|<!---->|<!--(?:-?[^>-])(?:-?[^-])*-->|[<][?].*?[?][>]|<![A-Z]+\s+[^>]*>|<!\[CDATA\[[\s\S]*?\]\]>)
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* WriteUint8
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker*struct { F uintptr; done chan struct {}; ctx context.Context; pr *progress.progressReader }
AggregationRuleLjson:"aggregationRule,omitempty" protobuf:"bytes,3,opt,name=aggregationRule"
ConfigMapKeyRefLjson:"configMapKeyRef,omitempty" protobuf:"bytes,3,opt,name=configMapKeyRef"
CurrentRevisionLjson:"currentRevision,omitempty" protobuf:"bytes,6,opt,name=currentRevision"
DaemonEndpointsLjson:"daemonEndpoints,omitempty" protobuf:"bytes,6,opt,name=daemonEndpoints"

Found in path(s):
* SourceIndexLprotobuf:"varint,1,opt,name=sourceIndex,proto3" json:"sourceIndex,omitempty"
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
readPacketsLeft/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
writePacketsLeft/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
*timeseries.tsLevel *tls.ClientAuthType/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *pflag.intSliceValue *pkcs7.EncryptedData *plugin.EventDisable
*plugin.Registration/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
*pflag.uintSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
*[]*timeseries.tsLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* msg:"time" TimestampFormat TruncationToken TxAbortedErrors TxCarrierErrors UnknownResource UnmarshalBinary UnmarshalJSONPB UnmarshalStream UnmountIpcMount UnregisterBuild UnsafeMakeSlice UnsignedPayload UpdateAddresses UpdateContainer UpdateResources UpdateTLSConfig UserOnCloseWait ValidPrincipals VerifySignature VersionTemplate VisitInt64Value VivaldiErrorMax Volume json:"-" Wait100Continue WalkIDsByResult WithConstLabels WithCredentials WithImageConfig WithLabelValues WriteArrayStart WriteBufferSize WriteComplex128 WriteDataPadded WriteEmptyArray WriteHostConfig WriteLogEntries WriteMapStrIntf X509Certificate XXX_MessageName XfrmPolicyFlush XfrmStateUpdate
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerr*struct { F uintptr; requestOver chan struct {}; ht *transport.serverHandlerTransport; cancel context.CancelFunc }

Found in path(s):
* VXLANUDPPortOprotobuf:"varint,13,opt,name=VXLANUDPPort,proto3" json:"VXLANUDPPort,omitempty"
VolumeNamespaceLjson:"volumeNamespace,omitempty" protobuf:"bytes,2,opt,name=volumeNamespace"
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* XXX_Marshal
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*channelz.channel *cipher.BlockMode *cli.IntSliceFlag
*cli.RequiredFlag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*unix.nopResolver *utilities.OpCode *v1.AttachRequest *v1.ConfigMapList *v1.ContainerPort *v1.CreateOptions
*v1.DeleteOptions *v1.EndpointsList *v1.EnvFromSource *v1.FinalizerName *v1.GroupResource
*v1.HTTPGetAction *v1.HugepageLimit *v1.InternalEvent *v1.LabelSelector *v1.ListInterface *v1.NamespaceList
*v1.NamespaceMode *v1.NamespaceSpec *v1.NetworkConfig *v1.NodeCondition *v1.NodeResources
*v1.PodLogOptions *v1.Preconditions *v1.ProcMountType *v1.ResourceQuota *v1.ResourceSpans *v1.RestartPolicy
*v1.RuntimeConfig *v1.RuntimeStatus *v1.SELinuxOption *v1.ScopeSelector *v1.ServiceStatus *v1.Span_SpanKind
*v1.StatusDetails *v1.StatusRequest *v1.StorageMedium
*v1.UpdateOptions/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*timeseries.tsLevel *tls.ClientAuthType/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd *pflag.intSliceValue *pkcs11.ObjectHandle
*pkcs11.Pkcs11Config/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd *pflag.uintSliceValue
*pkcs11.Pkcs11KeyFile/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd *[]*timeseries.tsLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/containerd *func(*v1.EndpointsList)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-
20-10-17-tgz/docker/containerd *func()
*v1.EndpointsList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

Found in path(s):
*
yaml:"uri" VerifiedChains VerifyHostname VersionService WalkStatusRefs WithTraceFlags WithTraceState
WriteObjectEnd WriteRSTStream XXX_OneofFuncs XmitHashPolicy ZlibWriterPool
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdalpha;amacr;amalg;angle;angrt;angst;anyoneaogon;arcnetaring;asymp;athenaatildeattachaustinau
thoravx512awint;aws-cnbackupbanachbanzaibartikbasic
bcong;bdquo;bearerbeaverbeforebepsi;bhabhabinaryblank;blk12;blk14;blk34;blkio.blobs/block;boltdbborderboringb
oumanboxDL;boxDR;boxDl;boxDr;boxHD;boxHU;boxHd;boxHu;boxUL;boxUR;boxUl;boxUr;boxVH;boxVL;box
VR;boxVh;boxVl;boxVr;boxdL;boxdR;boxdl;boxdr;boxhD;boxhU;boxhd;boxhu;boxuL;boxuR;boxul;boxur;boxvH

;boxvL;boxvR;boxvh;boxvl;boxvr;branchbreve;bridgebrvbarbsemi;bsime;bsolb;bumpE;bumpe;bundleca.pemcache-cache.cachedcalloccannoncapgetcapsetcaret;caron;carsoncarverccaps;ccedilccirc;ccups;cedil;cgroupchan<-check;chrootclarkecleverclientclone3closedcloud9clubs;coldencolon;comma;commitconfigconsulcookiecoordscpusetcramfscrankycrarr;createcross;cslip6csube;csupe;ctdot;ctrl-@ctrl-[ctrl-\ctrl-]ctrl-^ctrl-_ctrl-actrl-bctrl-cctrl-dctrl-ectrl-fctrl-gctrl-hctrl-ictrl-jctrl-kctrl-lctrl-mctrl-nctrl-octrl-pctrl-qctrl-rctrl-sctrl-tctrl-uctrl-vctrl-wctrl-xctrl-yctrl-zcuepr;cuesc;cupor;currancurrencustomcuvee;cuwed;cwint;daemondaggerdarwindashv;db.tmpdblac;ddarr;definedeletedelim(delta;detachdevicedevptsdharl;dharr;dhawandiams;diffiedigestdir
indisin;dividedockerdomaindoteq;doubledreamydriverdtdot;dtrif;duarr;duhar;eDDot;eacuteeasleyecirc;econetedisoneetherefDot;efenceegraveelatedemacr;empty empty;enableengineeogon;eplus;epsiv;eqsim;equiv;erDot;erarr;errnoerrorsescapeesdot;euclideventsexec:
execIDexecveexist;existsexitedexpectexportexposeexpreffailedfamilyfcfb10fcfb11fcfb12fchdirfchmodfchownfermatfflig;field
filig;filterfjlig;fllig;fltns;folderfollowforallforkv;fownerfrac12frac14frac34frasl;frostyfrown;frozenfsetidfsopenfspickgaloisgamma;gcirc;gcloudgescc;getACLgetcpugetcwdgetentgetgidgetpidgetsidgettidgetuidgiftedgimel;git://globalgneqq;gnsim;golickgophergossipgrave;gretapgrpclbgsime;gsiml;gtcir;gtdot;hangupharrw;hcirc;headerhealthheartsheighthelliphiddenhoarr;hooverhopperhungryhyperviacuteicirc;iexcl;ifNameignoreigraveiif
%diif %siiint;iiota;ijlig;imacr;image;imath;imped;importindex-infin;ingestinlineinp-
%dinuse_iogon;iopermip+netip/ddpip6greip6tnlipMaskiprod;ipvlaniquestisinE;isins;isinv;iukcy;jcirc;jepsenjmath;joliotjovialjsCtx(jukcy;kappa;kellerkeplerkernelkilledlAarr;lBarr;label!label:label=labelslamarrlambdalangd;laquo;larrb;lates;latestlayer-layer2layerslbarr;lbbrk;lbrke;lceil;lchmodlchownldquo;leaderleakedleakeyleave

Found in path(s):
* [0m [6n] =]
n=^%s$_sum_tagacE;acctacd;acy;addraddsafr;allgallpaltsamp;and;ang;anonapE;ape;aposarchasn1ast;aufsaumlauthavx2ax25basebcy;beetbellbenzbetabfr;bindbitsblobbmi1bmi2bne;bodybohrboldbondboolborgbosebot;boydbuckbullbusybytecallcap
cap;cas1cas2cas3cas4cas5cas6caseceilcentcerfcfr;chanchi;cir;circcitecodecolscompcongcoolcopycorecoricpu.cpuscraycroncup;dArrdarrdatadatedbusdcy;deaddef=deg;dfr;dialdie;diffdiskdiv;dlcidonedot;downdropdup2dup3eEpPechoecy;efr;egs;elf.ell;els;elseemspeng;enspepicermseta;etagetcdeth;eumleuroexecexitexprf2fsfailfastfcalfcplfcppfcy;fddiffr;fifofilefipsfnofforkformfradfreefromftpsfuncfusegEl;gRPCgactgap;gcclgcy;gel;gelfgeq;ges;gfr;ggg;git@glE;gla;glj;gluegnE;gne;goodgotogpfsgrpcgziphArrharrhashhdlcheadheaphelphfr;hfschighhosthourhrefhtmlhttpi386icmpiconicy;id==idleiff;ifr;igmpinfoinitint8int;intsiopliotaipipipv4ipv6irdaisinitabiumljangjcy;jfr;joinjsonjumpkarekcmpkcy;keenkernkey:keyskfr;killkindkmemlArrlEg;langlap;lapblarrlastlat;lcy;leafleftleg;leq;les;lfr;lgE;linklistlnE;lne;loadlogsloopploz;lrm;lsh;macrmailmandmap;map[mcy;mdnsmemsmetamfr;mho;mid;mmapmobymodempolmsgsnGg;nLl;namenap;nashnbspncy;newsnextnfr;ngE;nge;ngt;nicenis;niv;nlE;nle;nlt;nodenonenot;notenpr;nsc;nsubnullnum;ocy;ofr;ogt;ohm;oidcolt;openord;ordfordmorv;oumlpar;paraparepartpasspathpcy;perppfr;phi;pidspikepingpipepiv;pollpop3portpostprE;pre;prioprocprodprofproppsi;pullpushqfr;qldbquitquotrArrraftrangrarrrcy;rdmareadrealrecvreg;reporesprfr;rho;riderlm;rolerootroserowsrpadrseqrsh;runcs390s3v4sahasavesbrkscE;sce;sctpscy;sdotsectseeksendsentserfsfr;shawshotshy;sim;sinksizeskipslabslipslotslowsmt;smtpsnapsocksol;sortspanspecsqu;sse2sse3statstepstmtstopsub;subesuidsum;sup1sup2sup3sup;supesynctag:tagstailtar-tar
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* XfrmStateGet
* requestsLock

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* formatSlice
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *tuf.repoBuilder *types.BoolValue *types.Container *types.DiskUsage *types.EnumValue *types.FieldMask *types.HostsList *types.ListValue *types.NullValue *types.PatchType *types.PidsStats *types.Placement *types.PluginEnv *types.Resources *types.StatsJSON *types.Timestamp *types.UnitBytes *unicode.Range16 *unicode.Range32 *url.EscapeError/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *utils.pbkdf2Encs *v1.BatchV1Client *v1.ConfigMapList *v1.ContainerPort *v1.CreateOptions *v1.DaemonSetList *v1.DaemonSetSpec *v1.DeleteOptions *v1.EndpointsList *v1.EnvFromSource *v1.ExportOptions *v1.FinalizerName *v1.GroupResource *v1.HTTPGetAction *v1.InternalEvent *v1.LabelSelector *v1.ListInterface *v1.NamedAuthInfo *v1.NamespaceList *v1.NamespaceSpec *v1.NetworkPolicy *v1.NodeCondition *v1.NodeInterface *v1.NodeResources *v1.OperationType *v1.PodLogOptions *v1.Preconditions *v1.PriorityClass *v1.ProcMountType *v1.ResourceQuota *v1.RestartPolicy *v1.RoleInterface *v1.ScopeSelector *v1.ServiceStatus *v1.StatusDetails *v1.StorageMedium *v1.UpdateOptions *v1alpha1.RoleRef *v1alpha1.Subject *v1alpha1.Webhook *v1beta1.Eviction *v1beta1.KeyUsage *v1beta1.Overhead *v1beta1.RoleList *v1beta1.UserInfo/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *timeseries.tsLevel *tls.ClientAuthType/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *pflag.intSliceValue *pkcs11.ObjectHandle/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *pflag.uintSliceValue *pkcs11.MechanismInfo *pkcs11.SessionHandle *pkix.CertificateList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *[]*timeseries.tsLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *swarm.ipNetSliceValue *syscall.SockaddrInet4 *syscall.SockaddrInet6/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *v1.controllerRevisions *v1alpha1.AuditSinkList *v1alpha1.AuditSinkSpec *v1alpha1.EndpointSlice *v1alpha1.PodPresetList *v1alpha1.PodPresetSpec *v1alpha1.PriorityClass *v1alpha1.RoleInterface *v1alpha3.RestartPolicy *v1alpha3.ServiceConfig *v1beta1.DeploymentList *v1beta1.DeploymentSpec *v1beta1.EventInterface *v1beta1.ExecCredential *v1beta1.IngressBackend *v1beta1.LeaseInterface *v1beta1.ReplicaSetList *v1beta1.ReplicaSetSpec *v1beta1.RollbackConfig *v1beta1.StackInterface/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *func(*v1.EndpointsList)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *v1alpha1.endpointSlices/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *[]v1alpha1.EndpointSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *func() *v1.EndpointsList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *v1.selfSubjectRulesReviews *v1alpha1.EndpointSliceList

*v1alpha1.PriorityClassList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found in path(s):
* ssh:"rest" RestoreTerminal RetryThrottling RollbackMonitor SecurityOptions SecurityVersion ServerHandshake ServerResources ServiceAccounts SetGenerateName SetHelpTemplate SetInterspersed SetMkfileOption SetPluginConfig SetReadDeadline SetRefreshToken SetReportCaller SetSendCompress ShorthandLookup SignRecoverInit SlotDescription SourceLocations StorageV1alpha1 StringArrayVarP StringSliceVarP StringToIntVarP StringToStringP SupportedCurves SupportedPoints SupportedProtos TLSClientConfig TimestampFormat ToRestartPolicy TransportConfig TryRLockContext TypeCastMapping UnknownResource UnmarshalBinary UnmarshalJSONPB UnsafeMakeSlice UpdateAddresses UpdateOnFailure UpdateTimestamp ValidPrincipals VersionTemplate VersionedParams Wait100Continue WithConstLabels WithConversions WithImageConfig WithLabelValues WriteArrayStart WriteBufferSize WriteDataPadded WriteEmptyArray XXX_MessageName
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr *sha512.digest *snapshots.Opt *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr *zstd.fseState AbsolutePrefix AddASN1Boolean AddASN1UTCTime AddMatchSignal AddNetworkList AllAdditionals AllAuthorities AppendFullName ApplyWithError AuthorityKeyId AuthorizerOpts BalancerConfig BoundaryBefore BreakWithError CallsSucceeded CapabilityArgs ChannelzMetric CheckSignature CloseWithError CombinedOutput CommonAuthInfo CompareAndSwap ContentSubtype ConvertSchema1 Cwd

Found in path(s):
* *content.Jobs
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc *chan<- os.Signal *cli.DurationFlag *cli.IntSliceFlag *cli.RequiredFlag *configs.HookList *configs.HookName *configs.IntelRdt *configs.Operator/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc(...)

Found in path(s):
* json:"uid" UnmarshalState XmitHashPolicy
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

Found in path(s):
* getSliceFull
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* *snapshots.snapshotsListClient

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found in path(s):
* XORKeyStream
No license file was found, but licenses were detected in source scan.

alpha;alwaysamacr;amalg;angle;angrt;angst;aogon;appendarcnetaring;asymp;atildeattachavx512awint;backupbcong;bdquo;bearerbepsi;betterblank;blk12;blk14;blk34;blkio.blobs/block;bootIDborderboxDL;boxDR;boxDl;boxDr;boxHD;boxHU;boxHd;boxHu;boxUL;boxUR;boxUl;boxUr;boxVH;boxVL;boxVR;boxVh;boxVl;boxVr;boxdL;boxdR;boxdl;boxdr;boxhD;boxhU;boxhd;boxhu;boxuL;boxuR;boxul;boxur;boxvH;boxvL;boxvR;boxvh;boxvl;boxvr;branchbreve;bridgebrvbarbsemi;bsime;bsolb;bumpE;bumpe;bundlecallercalloccanvascapgetcapsetcaret;caron;causesccaps;ccedilccirc;ccups;cedil;centercephfscgroupchan<-
check;chrootcinderclientclone3closedclubs;colon;comma;commitconfigcookiecoordscpusetcrarr;createcross;cslip6csube;csupe;ctdot;cuepr;cuesc;cupor;currencuvee;cuwed;cwint;daggerdarwindashv;dblac;ddarr;definedeletedelim(delta;dev_iddevicedevptsdharl;dharr;diams;digestdisin;dividedomaindoteq;dotnetdoubledriverdryRundtdot;dtrif;duarr;duhar;eDDot;eacuteecirc;econeteetherefDot;efenceeffectegraveemacr;empty
empty;eogon;eplus;epsiv;eqsim;equiv;erDot;erarr;erlangerrno errorsesdot;evdo_0evdo_aevdo_beventsexec:
execveexist;existsexpectfamilyfcfb10fcfb11fcfb12fchdirfchmodfchownfflig;field
figurefilig;filterfjlig;fllig;fltns;followfooterforallforkv;formatfrac12frac14frac34frasl;frown;frozenfsTypefsopenfspickgamma;gcirc;genevegescc;getcpugetcwdgetgidgetpidgetsidgettidgetuidgimel;gneqq;gnsim;golanggophergrave;gretapgroupsgrpclbgsime;gsiml;gtcir;gtdot;hanadbhangupharrw;hcirc;headerhealthheartsheighthelliphgrouphiddenhoarr;hostIPhref="hsqldbiacuteicirc;iexcl;iframeigraveiiint;iiota;ijlig;imacr;image;imagesimath;imped;importindex-
infin;ingestingresinlineinprocinsertinuse_invokeiogon;iopermip+netip/ddpip6greip6tnlipMaskip_tcpip_udpiprod;ipvlaniquestisinE;isins;isinv;iukcy;jcirc;jmath;jsCtx(jstypejukcy;k8s.iokappa;killedlAarr;lBarr;labelslambdalangd;laquo;larrb;lates;latestlayer-
layer2layerslbarr;lbbrk;lbrke;lceil;lchownldquo;leakedleaseslegacylescc;level:lfloorlhard;lharu;lhblk;limitslinkatlistenllarr;lltri;lneqq;lnsim;loang;loarr;lobrk;loggerlopar;lowastlower1lower2lrarr;lrhar;lrtri;lsaquolsime;lsimg;lsquo;ltcir;ltdot;lte_caltrie;ltrif;mDDot;mailtomallocmdash;mediummembermemorymergedmethodmicro;middotminus;minutemlock2mount.mount=mountsmqueuemremapmsgctlmsggetmsgrcvmsgsndmumap;munmapnabla;napid;napos;nativenatur;nbump;ncong;ndash;ndots:neArr;nearr;nedot;nesim;netbsdnetdnsngeqq;ngsim;nhArr;nharr;nhpar;nlArr;nlarr;nleqq;nless;nlsim;nltri;nodejsnoexecnofilenomandnosuidnotifynotin;notni;nouuidnpart;nprec;nrArr;nrarr;nrtri;nsime;nsmid;nspar;nsubE;nsube;nsucc;nsupE;nsupe;ntildenumbernumsp;nvsim;nwArr;nwarr;oacuteobjectocirc;odash;oelig;ofcir;ograveohbar;olarr;olcir;oline;omacr;omega;onlineopenatoperp;oplus;oracleorarr;order;originoslashotildeotimesoutputovbar;packedparentparsl;pausedpdNamepermilpgpginpgscanphone;pimregpkcs11pluginplusb;pluse;plusmnpodIPspolicypopcntposterpound;prcue;preadvprefixprettyprime;printfprnap;promptpronetproto2proto3prsim;ptracepubsubpythonquest;quorumrAarr;rBarr;radic;rangd;range;raquo;rarrb;rarrc;rarrw;ratio;rbarr;rbbrk;rbrke;rceil;rdquo;rdrandrdseedreadU4readatreals;reasonrebootrel=%qremoverenameresumereturnrfloorrhard;rharu;rlarr;rlhar;rnmid;roang;roarr;robrk;rootfsropar;rrarr;rsaquorslaversquo;rtpriortrie;rtrif;rttimerune1
sbquo;scalarscaronsccue;schemescirc;scnap;scopedscopesscriptscsim;sdotb;sdote;seArr;searr;secondsecretselectsemctlsemgetsendtoserialseriesserversetenvsetgidsetmn;setsidsetuidsha256sha384sha512sharedsharessharp;shmctlshmgetsigma;sigmafsignalsignedsimeq;simgE;simlE;simne;sint32sint64slarr;smile;smtes;socketsocks
socks5sourcespadesspec:
splicesqcap;sqcup;sqlitesqsub;sqsup;srarr;srcdocsrcsetstablestarf;stat64state(statfsstatusstderrstdoutstringstrns;structsubnE;subne;supnE;supne;swArr;swarr;sweep
switchsybasesyncfssyntaxsyslogsysmonsystemszlig;taintstargettc_newtelnettenanttgkillthawedthere4theta;thinspthk

ap;thorn;threadtilde;timerstimes;toc_%dtracestrade;trisb;tshcy;tuntaptwixt;typeofuacuteubrcy;ucirc;udarr;udhar;ugraveuharl;uharr;uhblk;uint16uint32uint64ultri;umacr;umountunlinkunpigzunuseduogon;updateuplus;upsih;uring;urtri;usemapustar
ustar/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdDOWNGRD
DSA-SHA1DataLossDecemberDefault:Detail:
Details:Devices:DevmajorDevminorDiamond;Divisor:DocumentDownTee;DuployanDurationENDPOINTElement;EnumKindEnvFrom:EnvelopeEpsilon;EthiopicExecSyncExitCodeExports:ExtendeeExtenderFSGroup:Failcnt:FebruaryFields:
FieldsV1FilePathFilters:Flocker:FullNameFunctionGODEBUG=Gateway:GeorgianGitRepo:GoStringGujaratiGurmukhiHTMLSpanHTTP/1.1HTTP/2.0HTTPGet:Handler:HiraganaHostIPC:HostPID:Hugetlb:INTERNALIgnore()ImageID:Implies;Ingress:InitErr:InstFailInstRuneInternalIsPackedIsPublicJSONNameJavaneseJstype:
KatakanaKayah_LiKeyGroupKeyValueKeyring:Kind(%d)LearningLeftTee;Linear_ALinear_BLinknameListMetaListPidsLocale:
LocationLogPath:MD5+SHA1MahajaniManager:MapValueMappingsMaxSkew:Message:MessagesMetadataMethod:
Methods:Metrics:Mixins:
NO_ERRORNO_PROXYNetwork:NewLine;NoBreak;NodeSpecNotFoundNotLess;NovemberNumber:
OSImage:Ol_ChikiOmicron;Oneofs: OomKill:OpenTcp:OptionalOptions:OverBar;PRIORITYPacked:
ParseIntPeriods:PgFault:PgPgOut:Pgfault:Pgsteal:Phags_PaPidsStatPlugins:PodCIDR:PodCidr:Portals:PreStop:PriorityProcess:Product;ProxyArpQuantityQuestionQuobyte:RBDPool:RECEIVEDRSA-OAEPRSSHuge:RTMAX-10RTMAX-11RTMAX-12RTMAX-13RTMAX-
14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15RdmaStatReadBoolReadInt8ReceivedRelated:RemovingRepeatedRequiredResourceRestrictResumingRunning:Runtime:RxBytes:SETTINGSSHA1-RSASHA3-224SHA3-256SHA3-384SHA3-
512SHN_LOOSSHUTDOWNSPDY/3.1Samples:SaturdayScaleIO:Seccomp:Seconds:Secrets:Servers:ServicesShimInfoShimPid:ShutdownSources:Started:SubPath:Subject:Subsets:Syntax:
Sysctls:TableRowTagbanwaTai_ThamTai_VietTaskPid:ThrottleThursdayTifinaghTime: %vTimeout:Too longTooManyTrailer:TxBytes:TypeAAAATypeAXFRTypeMetaTypeUrl:UgariticUnified:UpArrow;Uparrow;Upsilon;UserInfoValues:
VariableVariant:Verbose:Version:VolatileVolumes:Waiting:Windows:XAddModeZgotmplZ[rdt] [%d->%d][%s]:
%v[::1]:53[:word:][]Event{[]Image{[]PodIP{[]Taint{[mapKey][pkcs11][signal

Found in path(s):
* /docker-20-10-17-tgz/docker/containerd
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd *v2.shim
APIGroup Absolute ActorKey AdSelect AddBytes AddChild AddEvent AddFuncs AddUint8 AddValue AddrType
Addrtype Allocate AsString Attached AuthInfo AuthType BadValue Binomial BoolVarP Buffered ByIgnore ByMetho
ByNumber BytesHex BytesPtr CFHeader C_Digest C_Logout C_SetPIN C_Verify Ca_state CacheDir CapNames
CastType Category Channels Children CloseAll CmpInt64 Commands Comments Comparer Compiled Compress
ConnPool Constant Consumes Contains ContentD Contents Continue CopyFile CopyFrom CopyList CopyPipe CoreDu
CountFds CountVar DNSNames DNSStart DataSize DataType Deadline Decision DeepCopy DefValue Demangle
Describe DevMajor DevMinor Devmajor Devminor Digester Dispatch DoneFunc Duration ElseList EnableGC Encode
Encoding Endpoint ErrorLog EventNum ExecSync ExitCode ExitFunc ExitIdle ExitTime ExitedAt Expanded Expecte
Exporter Extendee FailFast Familiar Families FieldMap FileInfo FileLine FileName FilePath FileSize Filename Finali
FindType FlagSign Float32P Float64P FlowInfo Flowinfo Footnote FormFile FormName Fprintln Fragment FullName

Function GRPCConn GaugeVec GetArray GetBegin GetCount GetCtype GetDepth GetEntry GetError GetField GetGa
GetGroup GetIPNet GetImage GetIndex GetInt16 GetInt32 GetInt64 GetItems GetLabel GetLevel GetLimit GetLinks
GetLinux GetMajor GetMinor GetNanos GetOwner GetPaths GetSize_ GetSlice GetSpans GetStart GetState GetStats
GetStdin GetUint8 GetUsage GetValue GetXattr GoString GroupIds HasFired HasFlags HasValue HashFunc HeapIdle
HelpName HideHelp Hijacker HostPort Hostname HttpOnly IPNetVar IPSliceP IdleTime ImageRef Indirect InitJSON
Insecure Instance Int16Var Int32Ptr Int32Var Int64Ptr Int64Var Int8VarP IntSlice IntValue IsAssign IsBinary IsClient
IsFenced IsFolded IsHeader IsHidden IsLoaded IsNormal IsPacked IsPinned IsProto3 IsPseudo IsPublic IsRemote IsS
IsSigned IsStream IsString IsSubkey IsUint64 JSONName JsonName KeyUsage KeysById KillShim KindFlag LacpRa
Learning LengthOf LinkData LinkName LinkType Linkname ListData ListMeta ListPids Listener Locality Location
LookupIP LookupMX LookupNS MACAddrs MBSchema MSpanSys MapIndex MapRange MapValue MarkDead
MaxDelay MaxDepth Messages Metadata MinLinks MkdirAll MulRange Multiply Networks NewChild NewField
NewGauge NewTimer NewValue NextPart NodeType Nodename NotAfter Nsignals NumEnums NumField NumFiles
NumFlags NumLabel NumPorts OnCommit Operator Optional OrigName OtherSys OutTable Overhead Overlaps
PMtuDisc PageSize ParseAll Password PauseEnd PeerAddr PeerName Platform PortHigh Position PostForm Pow2252
PreferGo Priority Produces Protinfo Protocol Province ProxyArp ProxyURL PushBack PushStep PusherID Question
Queue_id QuoExact QuoRound RGBA64At RSSLimit RandBool RawFlags RawQuery RawToken RawWrite ReadBits
ReadBool ReadByte ReadData ReadForm ReadFrom ReadInt8 ReadLine ReadOnly ReadRune ReadUint ReaderAt
ReadySCs RealSize RecvTime Redacted Register Registry Releaser Repeated RepoTags Required Requires Reserver
Resolver Resource Response Revision Rollback RootPath Rootless RssQuery RunCount RxErrors S2KCount SPIFFEI
SameSite Scope_id Searches Sections Security SentTime Sequence ServeMux ServeTCP ServeTLS Services SetALUC
SetBytes SetEDNS0 SetError SetFlags SetFloat SetIndex SetInt64 SetLabel SetLevel SetMilli SetScale SetValue Seve
ShimInfo Shstrndx Shutdown SignInit Signaled SignedBy Simplify SizeType Snapshot Snd_cwnd SortKeys SpanKind
SpewKeys Spoofchk Sprintln StackSys StopShim StreamID StreamId SubChans SubImage Subjects Subtract SysUsag
TableLog Terminal TextName ToString ToUint32 ToUint64 TrailCCC Truncate TxErrors TypeFlag TypeMeta TypeN
Typeflag Uint8Var UintVarP UnixConn UnixNano Unparsed Unscaled UseBlock UseProxy UserName UserTime
Username Validate Validity VarCount VarNames Verified Verifier VisitAll Warningf Weighted WireType WithArgs
WithKind WithName WithSink WithTime WithType WrapKeys Writable WriteInt WriteMsg WriteNil WriteRaw
WriteVal XXX_Size/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd *zstd.seq
AResource AcceptTCP AddCookie AddDevice AddGoFlag AddHeader AddObject AddOutput AddRtAttr AddSignal
AddUint16 AddUint24 AddUint32 AddValues Addralign Addresses AfterFunc Aggregate Algorithm AllocSize
AllowHTTP Anonymous AppendCRC ApplyOpts ArgsUsage AsFloat64 AsIfaceOf AsValueOf Attribute Authority
Authorize AutoClose Available BaseDelay BasicAuth BeginTime Benchmark BitLength BlockSize BoolSlice Broadcas
BusObject ByteOrder BytesHexP BytesSent CATSchema CNIResult CRTValues C_Decrypt C_Encrypt C_GetInfo
C_InitPIN C_WrapKey CallDepth CallSlice ClientCAs CloseChan CloseConn CloseRead CloseSend CloseWait
Coalesced Collector Commented Committed ConnState Connected Container Continued Converter Copyright CountVa
CreateCRL CreatedAt CurryWith DBusError DaysSince DebugData DecodeAll DecoderOf DeepEqual Delimiter
Deprecate DeriveKey DeviceIdx DialCreds DidResume DigestKey DoNotCopy DotReader DownDelay DualStack
DurationP DynString ECDSASigR ECDSASigS Eavesdrop EmitASCII EncapType EncodeAll EncoderOf Encrypted
EndColumn EndStream EqualTime ErrClosed ErrStatus ErrWriter ErrorBody ErrorCode EventChan EventFile EventLo
Exclusive ExportAll Extension ExtraInfo FastLeave FenceChar FieldsMap FileLocks FillBytes FindIndex FirstData
FlagNames FlowBased FormValue Formatter FreeAlloc FreeBytes FreePageN FromBytes FromNames Ftruncate
FullBytes FuncProto GaugeOpts GetAttach GetBucket GetByType GetCallId GetConfig GetDetail GetDevice GetDiges
GetDomain GetEnvMap GetEvents GetFields GetFilter GetFormat GetHostIp GetImages GetIpPort GetJstype GetLabe
GetLength GetLocale GetLogger GetMemory GetMethod GetMetric GetMixins GetModule GetMounts GetNumber
GetObject GetOneofs GetPacked GetPinned GetReason GetSerial GetServer GetSocket GetSpanId GetStatus GetStderr
GetStdout GetString GetSyntax GetTarget GetUint16 GetUint32 GetUint64 GetValues GlobalInt GlobalSet GoValueOf
GobDecode GobEncode GroupKind GroupName GuestNice HTTPProxy HandleRPC Handshake HasCaller HasPacked

HasSpanID HeadingID HeapAlloc HeapInuse HelloTime Histogram IPConfigs IPMaskVar IPNetVarP IfInfomsg ImageData ImagePath ImageSpec Increment IndexType InfoDepth InitCheck InitLevel InitToken InlineMap Int16VarP Int32VarP Int64VarP IntSliceP Interface Interpret Intersect IsComplex IsCreated IsDefault IsKeyword IsLiteral IsMess IsNumeric IsOnCurve IsPacked3 IsPrivate IsRegular IsSampled IsSandbox IsServing IsTimeout IsValidGo IsValidPB KeepAlive KernelBTF KeyUsages LastChild LastError LatencyMu LazyPages LeafAlloc LeafInuse LeafPageN LinkA LinkState ListFlags LocalAddr Locations LogCaller LogFormat LookupSRV LookupTXT MCacheSys MakeSlice MarshalTo MatchRune MaxErrAge MaxTokens MaxTxRate MediaType MessageIs MessageOf MetricVec MiiStatus MinTxRate MmapFlags MoveAfter Multiaddr Multicast Multiline Namespace NetNSPath NewResult NewSpanID NewStream NewTicker NilChance NodeCount NodeDeref NonceSize Normalize NotBefore NumMethod NumSubexp ObjectRef OmitEmpty OpenCount OpenStdin OperState Operation Overwrite PBES2Salt PBValueOf PackEFace PadLength PageAlloc PageCount ParentIDs ParseForm ParseGlob ParseName Partition Pdeathsig Phentsize PixOffset Platforms Precision Processes PromiseID ProtoSize ProtoTime ProtoType ProxyFunc PublicKey PullImage PushFront PutUint16 PutUint32 PutUint64 QuickSpan RatString RawIssuer RawOutput Rcv_space ReadArray ReadBytes ReadFrame ReadInt16 ReadInt32 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 Rebalance Reconnect Reference Registers RemoveAll Reserved1 ResetPool ResizePty Resources RestartMs RootBlock RoundTrip RxDropp RxPackets Sa_family SandboxID ScanState SchemaURL SendReply Sensitive Serialize ServeConn ServeGRPC ServeHTTP SetBuffer SetEnvMap SetExited SetFormat SetFrac64 SetHeader SetIndent SetInline SetJumpOp SetLabel SetLinger SetNoLock SetOutput SetPrefix SetRGBA64 SetScaled SetSource SetStatus SetString SetUint64 SetValues SharedKey Shentsize ShortName Shorthand SignFinal Signature SkipSpace SlaveType SnapshotD Snapshots SortFlags SourceIPs SourceSAP Specified SpillTime SplitKeys SqrtRatio StartCond StartLine StartTime StartedAt Starttime StdinOnce StdinPipe StreamDep StringLen StringOff StringPtr StringVar Subscribe Subsystem Supported Suspended TLSConfig TLSUnique TableLive TakesFile TargetIdx Templates Temporary Terminate TimeNanos Timestamp TlsConfig ToFloat32 ToFloat64 Transform Transport TrapCause Truncated TxDropped TxPackets TypeCheck TypeEn Uint16Var Uint32Ptr Uint32Var Uint64Ptr Uint64Var Uint8VarP UintSlice UnixMicro UnixMilli Unmarshal UnsafeCa UnsafeGet UnsafeNew UnsafeSet UnwrapKey UpdatedAt UsageText UseNumber UserAgent ValueElem ValueSize ValueType Verbosity Versioned WaitGroup WaitWrite WarningFn Warningln WithError WithField WithLease WithValue WriteBool WriteByte WriteData WriteFile WriteFlag WriteInt8 WriteJson WriteMore WriteName WriteOn WritePing WritePong WriteRune WriteTime WriteToIP WriteTrue WriteUint XXX_Merge X__unused/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

Found
in path(s):
* The contents of the target Secret's Data field will be presented in a volume as files using the keys in the Data field as the file names. Secret volumes support ownership management and SELinux relabeling.NodeSelector is a selector which must be true for the pod to fit on a node. Selector which must match a node's labels for the pod to be scheduled on that node. More info: https://kubernetes.io/docs/concepts/configuration/assign-pod-node/The GID to run the entrypoint of the container process. Uses runtime default if unset. May also be set in PodSecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified
in SecurityContext takes precedence.The Windows specific settings applied to all containers. If unspecified, the options from the PodSecurityContext will be used. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence.procMount denotes the type of proc mount to use for the containers. The default is DefaultProcMount which uses the container runtime defaults for readonly paths and masked paths. This requires the ProcMountType feature flag to be enabled.MaxLimitRequestRatio if specified, the named resource must have a request and limit that are both non-zero where limit divided by request is less than or equal to the enumerated value; this represents the max burst for the named resource.version is the preferred version of the resource. Empty implies the version of the containing resource list For subresources, this may have a different value, for example: v1 (while inside a v1beta1 version of the core resource's group)".Target directory

name. Must not contain or start with '..'. If '.' is supplied, the volume directory will be the git repository. Otherwise, if specified, the volume will contain the git repository in the subdirectory with the given name.podIPs holds the IP addresses allocated to the pod. If this field is specified, the 0th entry must match the podIP field. Pods may be allocated at most 1 value for each of IPv4 and IPv6. This list is empty if no IPs have been allocated yet.EndpointsNamespace is the namespace that contains Glusterfs endpoint. If this field is empty, the EndpointNamespace defaults to the same namespace as the bound PVC. More info: https://examples.k8s.io/volumes/glusterfs/README.md#create-a-podPodSecurityContext holds pod-level security attributes and common container settings. Some fields are also present in container.securityContext. Field values of container.securityContext take precedence over field values of PodSecurityContext.Docker image name. More info: https://kubernetes.io/docs/concepts/containers/images

This field is optional to allow higher level config management to default or override container images in workload controllers like Deployments and StatefulSets.The kind attribute of the resource associated with the status StatusReason. On some operations may differ from the requested resource Kind. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kindsThe Windows specific settings applied to all containers. If unspecified, the options within a container's SecurityContext will be used. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence.Audience is the intended audience of the token. A recipient of a token must identify itself with an identifier specified in the audience of the token, and otherwise should reject the token. The audience defaults to the identifier of the apiserver.When present, indicates that modifications should not be persisted.

An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed(?i)^(?:<[A-Za-z][A-Za-z0-9-]*(?:\s+[a-zA-Z_:][a-zA-Z0-9:._-]*(?:\s*=\s*(?:[^'"=<>`\x00-\x20]+|'[^']*'|"[^"]*"))?)*\s*/?>|</[A-Za-z][A-Za-z0-9-]*\s*[>]|<!---->|<!--(?:-?[^>-])(?:-?[^-])*-->|[<][?].*?[?][>]|<![A-Z]+\s+[^>]*>|<!\[CDATA\[[\s\S]*?\]\]>)APIVersion defines the version of this resource that this field set applies to. The format is "group/version" just like the top-level APIVersion field. It is necessary to track the version of a field set because it cannot be automatically converted.Template is the object that describes the pod that will be created if insufficient replicas are detected. This takes precedence over a TemplateRef. More info: https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#pod-templateReplicas is the number of desired replicas. This is a pointer to distinguish

between explicit zero and unspecified. Defaults to 1. More info: https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#what-is-a-replicationcontrollerThe GID to run the entrypoint of the container process. Uses runtime default if unset. May also be set in SecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence for that container.singularName is the singular name of the resource. This allows clients to handle plural and singular opaquely. The singularName is more correct for reporting status on a single item and both singular and plural are allowed from the kubectl CLI interface.matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.The name of the cluster which the object belongs

to. This is used to distinguish resources with same name and namespace in different clusters. This field is not set anywhere right now and apiserver is going to ignore it if set in create or update request.Active reports the checkpointed config the node is actively using. Active will represent either the current version of the Assigned config, or the current LastKnownGood config, depending on whether attempting to use the Assigned config results in an error.

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd|*struct { F uintptr; req *containers.CreateContainerRequest; l *containers.local; resp *containers.CreateContainerResponse } IoTimeRecursivelprotobuf:"bytes,7,rep,name=io_time_recursive,json=ioTimeRecursive,proto3"

json:"io_time_recursive,omitempty"
MajorPageFaultslprotobuf:"bytes,7,opt,name=major_page_faults,json=majorPageFaults,proto3"
json:"major_page_faults,omitempty"
ResponseTypeUrllprotobuf:"bytes,4,opt,name=response_type_url,json=responseTypeUrl,proto3"
json:"response_type_url,omitempty"
SlabReclaimablelprotobuf:"varint,16,opt,name=slab_reclaimable,json=slabReclaimable,proto3"
json:"slab_reclaimable,omitempty"
WorkingSetByteslprotobuf:"bytes,2,opt,name=working_set_bytes,json=workingSetBytes,proto3"
json:"working_set_bytes,omitempty"/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdtime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.IntSlice.Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.IntSlice.Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.(*IntSlice).Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.(*IntSlice).Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.(*IntSlice).Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.(*IntSlice).Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdpath.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*Extensio

nInfo).lazyInitSlow·dwrap·4/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·3/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/golang.org/x/net/internal/timeseries.(*tsLevel).Clear/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/golang.org/x/net/internal/timeseries.(*tsLevel).InitLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListClient).Recv/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListServer).Send/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListClient).CloseSend/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListClient).Context/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListClient).Header/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListClient).RecvMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListClient).SendMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListClient).Trailer/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListServer).Context/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListServer).RecvMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListServer).SendHeader/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListServer).SendMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListServer).SetHeader/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListServer).SetTrailer/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.CloseSend/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.Context/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.Header/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.RecvMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.SendMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.Trailer/opt/co

la/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.Context/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.RecvMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SendHeader/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SendMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SetHeader/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SetTrailer/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/go.opentelemetry.io/otel/attribute.Key.IntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/go.opentelemetry.io/otel/attribute.IntSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/go.opentelemetry.io/otel/attribute.(*Key).IntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/apimachinery/pkg/util/json.ConvertSliceNumbers/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/sigs.k8s.io/structured-merge-diff/v4/value.convertSliceNumbers/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).Reset/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).ProtoMessage/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).Descriptor/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).XXX_Unmarshal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).XXX_Marshal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).XXX_Merge/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).XXX_Size/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).XXX_DiscardUnknown/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).Marshal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).MarshalTo/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).MarshalToSizedBuffer/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).Size/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/k8s.io/api/core/v1.(*EndpointsList).String/opt/cola/p

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getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim

Found
in path(s):
* WritableLayerdprotobuf:"bytes,4,opt,name=writable_layer,json=writableLayer,proto3"
json:"writable_layer,omitempty"

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* strictSlash
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *yaml.yamlError *zip.Compressor *zip.FileHeader AddEventHandler AddIfNotPresent AddWithExemplar AppArmorProfile AuthTokenSecret AuthorityHeader AuthorizationV1 BearerTokenFile BuildCachePrune BuildCatalogURL BuildkitVersion BytesBase64VarP C_DecryptUpdate C_DestroyObject C_EncryptUpdate C_GetObjectSize C_VerifyRecover ClientHandshake ClusterDefaults CompletedTraces ComputeChecksum ConnectionError ConnectionState ConstantTimeSum ContainerAttach ContainerCommit ContainerConfig ContainerCreate ContainerExport ContainerIDFile ContainerMounts ContainerRemove ContainerRename ContainerResize ContainerUpdate ContainersPrune ContextSpecific CopyStoreObject CopyToContainer CreateFormField CriticalOptions CryptoPublicKey CryptokiVersion DecorateDecoder DecorateEncoder DefaultAddrPool DisableChunking DiscoveryClient EndpointsConfig EphemeralPubKey EscapedFragment ExcludePatterns ExecuteTemplate ExtraExtensions FieldByNameFunc FindAllSubmatch FindObjectsInit FindReaderIndex FindStringIndex FirmwareVersion Float32SliceVar Float64SliceVar ForceNewCluster GenerateKeyPair GetArchitecture GetCacheImports GetClientHeader GetCustomPrefix GetDefaultValue GetDesiredState GetExplicitFile GetExporterAttr GetExternalDocs GetFloat32Slice GetFloat64Slice GetGenerateName GetGoAwayReason GetHostTemplate GetKeepDuration GetManifestList GetMethodConfig GetPathTemplate GetPhpNamespace GetReservedName GetResourceName GetResourceType GetResponseCode GetServerHeader GetStackEntries GetTargetByName GreaterThanZero HardwareVersion HasCapabilities HasCertCallback HasExperimental HasFragmentOnly HasFullFilePath HasUpdateConfig HasUpdateStatus HistogramWindow IdentityMapping IdleConnTimeout IncludePatterns IsDefaultConfig IsEventResource IsGlobalUnicast IsUnlessStopped KeepaliveParams KernelMemoryTCP Keys

Found
in path(s):
* sshtype:"32" XXX_OneofFuncs YubiPrivateKey

1.423 containerd-opencontainers v1.6.19

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Changes:
* Renamed files from civil* to localtime*.
* Package changed from civil to toml.
* 'Local' prefix added to all structs.
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go-runhcs is a fork of go-runc

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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https://github.com/golang/protobuf

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1.425 python 3.7.4

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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
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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)

2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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

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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:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
  <xsl:if test="translate($rest, '&#9;&#32;', '')">
    <xsl:call-template name="isc.copyright.format">
     <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
 </xsl:template>

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

 <xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
   <xsl:with-param name="text">
    <xsl:for-each select="db:book/db:info/db:copyright | db:refentry/db:docinfo/db:copyright">
  <xsl:text>Copyright (C) </xsl:text>
```

```
  <xsl:call-template name="copyright.years">
    <xsl:with-param name="years" select="db:year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="db: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>
</xsl:stylesheet>

<!--
 - Local variables:
 - mode: sgml
 - End:
-->
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For the test\zb.c component:

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
Mike Belshe (mbelshe@netscape.com)
Michael Campanella (campanella@stevms.enet.dec.com)

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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
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<meta content="text/html; charset=UTF-8" http-equiv="Content-Type" />
<!--
XXXX
```

This file is generated from xml source: DO NOT EDIT
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X
-->
<title>The Apache License, Version 2.0 - Apache HTTP Server Version 2.4</title>
<link href="./style/css/manual.css" rel="stylesheet" media="all" type="text/css" title="Main stylesheet" />
<link href="./style/css/manual-loose-100pc.css" rel="alternate stylesheet" media="all" type="text/css" title="No Sidebar - Default font size" />
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/>
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</script>

<link href="./images/favicon.ico" rel="shortcut icon" /></head>
<body id="manual-page" class="no-sidebar">
Modules | Directives | FAQ | Glossary | Sitemap
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var comments_shortname = 'httpd';
var comments_identifier = 'http://httpd.apache.org/docs/2.4/license.html';
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  if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
    d.write(' <\/div>');
    var s = d.createElement('script');
    s.type = 'text/javascript';
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    s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortname + '&page=' +
comments_identifier;

   (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
  }
  else {
    d.write(' Comments are disabled for this page at the moment.<\/div>');
  }
})(window, document);
//--><!]]></script>
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href="http://wiki.apache.org/httpd/FAQ">FAQ | Glossary | <a
href="./sitemap.html">Sitemap <script type="text/javascript"><!--//--><![CDATA[//><!--
if (typeof(prettyPrint) !== 'undefined') {
  prettyPrint();
}
//--><!]]></script>
</body></html>

1.434 qede-drv 8.74.4.0

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1.441 cpt-driver 12.23.08

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1.442 tpm2-tss-tcti 3.1.0

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1.443 mmc-utils 0.1

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```
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* Last update: 06/15/2005
* Issue date:  06/15/2005
*
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*/
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* /mmc-utils-0-1-tar-gz/mmc-utils-0.1/3rdparty/hmac_sha/hmac_sha2.c

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/opt/cola/permits/2641610453_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/3rdparty/hmac_sha/hmac_sha2.h/*
/opt/cola/permits/2641610453_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/3rdparty/hmac_sha/sha2.c/*
/opt/cola/permits/2641610453_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/3rdparty/hmac_sha/sha2.h/*
/opt/cola/permits/2641610453_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/mmc.c/*
/opt/cola/permits/2641610453_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/mmc.h/*
/opt/cola/permits/2641610453_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/mmc_cmds.c/*
/opt/cola/permits/2641610453_1758833248.4842975/0/mmc-utils-0-1-tar-gz/mmc-utils-0.1/mmc_cmds.h/*

Found in path(s):
*

1.444 bind 9.11.36

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<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="$isc.copyright.leader"/>
   <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
   <xsl:text>&#10;</xsl:text>
   <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
   <xsl:if test="translate($rest, '&#9;&#32;', '')">
     <xsl:call-template name="isc.copyright.format">
      <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
   </xsl:if>
 </xsl:template>

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

 <xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
   <xsl:with-param name="text">
    <xsl:for-each select="db:book/db:info/db:copyright | db:refentry/db:docinfo/db:copyright">
  <xsl:text>Copyright (C) </xsl:text>
  <xsl:call-template name="copyright.years">
   <xsl:with-param name="years" select="db:year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="db: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>
</xsl:stylesheet>

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

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(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not
distribute binary curl packages that uses this if you build curl to also link
and use any Original
 BSD licensed libraries!

libidn

(Used for IDNA support) Uses the GNU Lesser General Public License [3]. LGPL
is a variation of GPL with slightly less aggressive "copyleft". This license
requires more requirements to be met when distributing binaries, see the
license for details. Also note that if you distribute a binary that includes
this library, you must also include the full LGPL license text. Please
properly point out what parts of the distributed package that the license
addresses.

OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses
OpenLDAP as a shared library only, I have not heard of anyone that ships
OpenLDAP linked with libcurl in an app.

libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

1.448 grub2 2.12

1.448.1 Available under license :

ELF>@@
Hy$HHq,uHDDL@P4Et2;P u-
HPHHHH9uHHPMtCIxHp2MHP$tIHLHHHAHxHDH:HHHwxHPHHvhHH@$LHL@$HP,P
P4H)HPHPHt#HzLHHLHPLL111DEtH<tD
HUHAUIATASI|$APHu1L`HH@HpXIEH8uCHu1Ht,xHtHHHH9u6HH'HHHtH
HHH
1Z[A\A]]HUHAUATSHHHHEHIHILLLEHH1IAHHIHtJCt2ww4HHs1AuHssL1AHH[A\A]]HUHATSH8HHt
L'LH111HHHHH0HH8HH;H11H;[A\]tH1HFHUHAVAUIATSHu&HHA[[[A\A]A^]HH8uII<$uH1I}HHHLw@M
94$s=HI$LAYHAZ1[A\A]IA^]AHH}H0LHHL9tDHH}H;u!IU1HH=I$1H)HH<HH1ZY[A\A]A^]HUHAVIAUAT
SHt9HH8uH8u%H1H[A\A]A^]uHI>HIHtIHx@uHAHNHH8LHLI8tH
HLA[A\A]A^]HUHAWAVAUATASHHHt H8t+H1HH[A\A]A^A_]Eu'H1H1E1NH;
HIHtLh@1M#HA}HcHHMcHLHLL9II
LAIH@Mt+I9s@ t
uH8"uH@IA?#t}=LAHtmA?tdHHx"HMtHHEHL1HHHt9HuHEHH}HtMtM.HHMtHLH[A\A]A^A_]HUHAWAV

IAUATASHHhI>H1HHEu"H1H<H; HIHHIIEHuHLHH3LIHHHHxHE1LIHLI$^AG
LH%HHMOHI$E1H31LHtMAW4HLH9s<Iw'PAI9rI@PH9sHAH
LEtH3@tI$H8I$HHuHI}H)HH}HE1E1HxHI+$LHHRH8?HI$IHHxI?HLHHH8HIW 8uH
H1%HHLHHMOHI$E1H31LHtCAG@Hk8LH9s2w#HB%H9sH@HB(H9sHAH8EtH3@tI$H8I1LHHM$HIAI$H
HuHI}H)HH}HE1E1HxHI+$LHHuUH8uFHI$IHHxI?H1HHLE1E11LDHDHH@HuLHH@t<H8gHx1HH>HH}tH
EU%f}HtA
%1AH=w"H1HMUHHHHtHHUE1H;Lxt"HtHHHH)HxHHI}HuH)Hu<HH}MLxDHHMLHHLHHHH%HH;tHI>H
h[A\A]A^A_]1tH9uHUHAWAVAUAATISHH(Ht9HH8uH8u+H1HH([A\A]A^A_]EHHHHEHIHILLLEHH1IAH
HIHtK`SXHsLDC\1AH1HI|$HI
AHHEHHHH@HH@H$IHuHH8HI$HH}HS@HHHA}HC@M<$/H}HEHHtHHEHhIHu
A}usWHxOHuH1EEx`HA@XEA@\HHtL
LHLI$HC@HH%I$HHAEH([A\A]A^A_]U1HAUIATHuSHHEHAutH}LHHD[A\A]]U1HAWIAVH}HuAUIATS
HXHAHc]AEHHkuH uHHMHIMHIA}HuHP1H}HUHuHUHAA}DEHUu
DEH|1HDE1HHHIAAMLH t1tLHAHX[A\A]A^A_]HUHAWAVAUATSHHI1IHt!HrtHL1H
HL1HHH0HuIHI<$THH}ILh$IMIHt?CHSI~HsH}ABAFAH}H{HHL)AFI11HI1AFHE111H11HM)HEAIGAGA
GHH
AGHH0Ew H
AG HHuAGI$H]H1HH0He[A\A]A^A_]HUHAWAVAUATSHHPHHHHtY8tTH1HIM
L11HLAHH11HAEHHHH}HHEE10HPDXH\EfEfdHHHPEgEjEhEkEiElHt0HHH1H8IE1IHtHAHDHk\HIHuHb
D HAEIHtHpHHk\I|Ak\LHLHRHH(IE1E1IHt$HJtNd!I Nd!IHAHHuII>H8IcH8ILHHH}M?N
HE(IIMt]LH(IH)8IwL0ADAGIWAEBAELAMoM?H(L0j
HujAI>AHY^HH}H}IHE111I11HHD}1D}EAEAUAE1AE8AHEeH
AEHH0 HuH
HAEH1I>H0He[A\A]A^A_]HUAHHAWAVAUATISHHHHHDH(HH;8u"H;/HLhHupL+kH HHHH8HHH8tH
Hx1PHHLHOIIAHP1AID$t;1HID$HHAHAID$1HIILHA1IA%ID$HHHLHIHu!H1HHAA1HAIA
H?,u>H1HHAAtHHAIHAI~
@v"H&1HNH1HHH0H8HLg(MHGAHtxuDo IT$(E1HHt
LxH@(ID$LHW(1H8H@HHH841Lg(H\D\L1HPH@(Hu@LH`HHIDI@ID$HxHh@HpHHHA4H\
A 1HID$0Ht}HHxHu>@HHfXfA+I|$(uHID$0HxtA$D
HAHHHH1HHH[A\A]A^A_]HUHAWIAVAUATISH8HuHHHUPA$JHGXH=HEE1IKHtxIHAH}HHHIuDHAH
E
HuHEHHHUr@v(HIIrHza D IG1H}x`HIGHxhHH}HHt&H1H-
1HE1HuIHxH}AAwH}%?,u0H1HuH}AH%E1DEDHUHuEHA$ 2HuEHEA$$Hu}Hu-
H1HHH8[A\A]A^A_]UT1HHAWAVH|AUIATS1HET|EHIMtQI<$ LHu.I<$ t$IH
AI|$IAJ\3HMd$0HtHHHH)H8HH111HH1Ht!HqtHT2H HT2HH
HHHHH)IA?tH0IHHH8IUH8HQH8HMuIHLI]L(HHH; HHH3~ H
H(IAH(HH(IHHHvH(H(=HsAH(HH(HDH(H[07LL9(tH(HXDuH8HLHIMAPIpHHpttu+UAA?tHpTA?IUtHPDP?I
@L HHH(HHL H(IIHH)A?t
HHHHMH9L)L)D]IHL)LIE11HEHA?I1H8AA`jI?j H0H^_H0HH0IHE111H(11HPH01HHL)LLL H H 1IIL$LH
HH=uH(HpH@HH8H8HHHH H H`AE@AGIEAGH1H8HH@X1 AH8AxH0j
I?HjZYH0HH0IHE111H11HI|$$TH|H8 H<H8PA$
ADADHH1HIT$$H0A\$HADEADIEAD$
H1I?H0He[A\A]A^A_]HUHAWAVIAUAATSHH8Hu/LEDMHtHXIH}HILIDIHAHPAEH8tQHEH}HEEHEAHu
PAHuAHu8H}AHuPAusHuAu^HuAuIE1E1A9~I<HAEdEDHuHtZHE1HEIIA9~ I4LAI<HAL
L`A$H}HtEEH8[A\A]A^A_]HUHAWAVAUAATISH8Ht9HH8uH8u+H1HH8[A\A]A^A_]EuH1GI<$HIHHHH@
HIHuHH8HIHH}HS@HHHA?DIL$IEtILUI|$HHHMHMLUuIDILLPAEEDK@MLHUI<$uIHC@HH%IHHAH
8[A\A]A^A_]HUHAWAVAHAUIATSHHHLDHIHILHI8M 31I}AVHLHHMIMEAAHHEE)H%
I}HHH;IULHH8Hu

HHuIADHuADHuA|H1IAHHtMHHt+H@(Ht"HP(D
HtED"AAAAAHAAH1;H1AIHHHHHtiHx@tbHHxHuDHuLS@u6H}Ht-
1HH}HHAAHA1HC,HHH[A\A]A^A_]UHAUIATIHSHPHL1IHHL1IHHHL1IHHHE11HHHHHE11IHHHHLE
11HHHLE11HHHE11HHHH1E1HHHHHLHZ[A\A]]UHSHPHH8HH8HH8HHH8HH8HH8HH8HH8HH8Z[H]H
UHAVIAUIHSLHH}H}HtNHHLH9t5u*HLHH[A]A^]1H[A]A^]UHAWIAVAUIATISH(Hu1H}AHH}4LIAH4tC
H?HUH(1H[A\HA]A^A_]A<$ELFuA|$uA|$tHA|$t+HH(1H[A\A]A^A_]HuLHAt$.}HIEHtAt$
H}AHuH]AT$.IuUH}AAL$.HEHH9t3Hu#HU1HHH([A\A]A^A_]U1HAWAVAUIHMATSHHHhHhHXHUHXH
EHHtH}HLe4HuHULtLH9sxt'HH1HMPHHuHDpPHIAD`LAD$dADAEIHD`HADHH}DxPHCD<HhI|D3AHt`
DHHhIHPHAHPH9upHdLHPHhAHPHu*DdHBHhHPHLAL9uD`E1dHXHHHP;MHHHt
LE9rXDC1HHHIDEAHuHu4HxHuH|hH}Hhu|I]H[A\A]A^A_]HUHAWAVMAUIHMATSHDM
HUH`1HHH`HuIuYHxH}H8HEH|H}HPH}xHPHHH1H9sDAEtAtDAL9IBH4I}IH9HB|HHuHHHHLHHsHH}Lh
LPHXExHPHI9EOEAGPAG
HDhHHIP1AAZEGAWYt8HXLI+HAOH`HIuHt)HXLI+>1HLHHAGAWHLH9hHChHhEIHXLI+1IuA4H`IHAH
hM\$4MHXDxII9H`LBELI+LhHLIuALhMIDxHXDD|H`D)EELELMLI+LhHIuADI}MLhIMD|HDD)EELHMME
)HH}u#IUH`LHHHHe[A\A]A^A_]HUHAWAVAUIHxATSHHH@1HhH@HxHhHUt!HHxHtH}HLxu(UMtHI<I9
sAt%IhLHhAWAGHu8IHP@X8\X\HHD4HHIEHHHHH`HHHH}IH4HuH`EHH4EEA1fCLC
H"HCUtLH9saH0HHAH0I9uEt4#HP1H9uEt\D4CCEHHAwHhIAHtI8HHhIH8AH8H9uGHPHhpAHunDX\HhH4
LAL9t1u>H@HHHuHhLHhu!HHH`HHIUH[A\A]A^A_]U1HAWAVAUATSHHHHUH@HMHEHHpH`LXtH}A
H}HuHH}u#UHuHH9sxtHHHPIIDpTH$HPH@<8ATHhHAHxHDHpIAHtUHhHxIHpAHhH9tHx8HhHAIHu
Hx"<HpAHu!HxALAHHhHpLAHhH9tYHxALAHH`H1H[A\HA]A^A_]LxE11xD)T9sAFufA>t_LHpHIAHpA>H
IDLHpAHpMDHtMu.PIlHtMuHxIIAt>HxALAH1H[A\HA]A^A_]JHXHxHBHHH@%H)HXHHHHBAGH@%H)
HXHHAALAH[A\A]A^A_]UHAWIAVAUIATISH(Hu1H}AHH}@LIAH@tCH?HUH(1H[A\HA]A^A_]A<$ELF
uA|$uA|$tHA|$t+HH(1H[A\A]A^A_]HuLHAt$:H}HIEHtIt$(H}AHuH\AT$:IuHUH}AHAD$:HEH9t3Hu#HU1HH
H([A\A]A^A_]HUHAWAVAUIHxATI1SH<IHUHhIuHxHhL`HuH}H}HuHLxHHHLLH9s%L@
MtHP0HtHL
HH!LHH`HHH)H%HuHLHH}IMHH@EHELI9SMN M:IF0HtJT III!MfEHRHHIP1AH@LH)HA~HPIF
Y^HXIEIvHhHHHHt`HXHPHHhHXH9tXHHHHt!HX1HPHMf
EI<EIMIH`A)I$HH%HI}Hu0@HuHuULU
hHxHhHe[A\A]A^A_]U1HAWAVAUATSHHHXHXHPHUHPH8HhHhHAHpH}HALh@HuHAuHpLHHLH9sxt'
HH1HmP(HHHuHLh H0HH8IIDMt HHH(CD5HH@H8H@HH
HHHIHAH}EHLx0HH@HXLIHEL+AHtOHLHXHHL9umHE(HXL2H@AH@HuHD89LbLHXHLL9uIdHD8EH
P1HHH;LLt"HHAHHHDHL9r[LC1HHHILEAHuHAu7HxHAuHuAHhHEuHEH8HH%HHD[A\A]A^A_]HUHA
WAVAUI1ATSHHHhHhH@HUH@HpHpt!HHpHxH}HLpu*uHxMHHI<I9sAt%IhLHhAW(IG HuH8IHPH@
H08\0\HHD@HHIEHHHHH`HHHH}IH@HuH`EHH@EEAfC11HCLSHC@UHxHLH9seH(HHAH(UI9uHxHH
@$HP1H9uHx\HHD@HCHHCHIwHhIAHtJ8HHhIH8AH8H9uHHPHhHpAHunD0\HhH4LAL9t1u>H@HHHuHh
LHhu!HHH`HHIUH[A\A]A^A_]U1HAWAVAUATSHHHHUH@HMHEHHpHhL`t
H}ADH}HuHH}Au%uHMHHHHH9sztHH%HZ B(ILrHXHZ8HHPHXH@
H8HH0ADXLHxHHpDHHtCHxLHpIAL9tHxD0LHHu
Hx+8HpHHu"HxAHAHD8HpLHAL9uDX1E1E1DPLxsHxAHAHD8EHhH1H[A\HA]A^A_]AD$tPDID9rA<$tX
HHHDhDpA<$HHMDHDpDhXMDMoMf
MtMuHxIII}t>HxAHAH1H[A\HA]A^A_]IFH`H@HxHIFHH%H)H`HHHHAIEH@%H)H`HHBAHAHD[A\A]A^
A_] @12abcdmqsvxzrh@abcsdrh @ DhaCcdgmnpqrsvsizeaddrtypename %-18s %-18s%14s%14s
%-18s 0x%08x 0x%08x
filename expectedyou need to
load the kernel firstno kOpenBSD loadedyour kOpenBSD doesn't support ramdiskyour kOpenBSD supports ramdisk only up to %lu bytes, however you supplied a %lu bytes onepremature end of file %sonly FreeBSD supports moduleonly ELF kernel supports moduleonly FreeBSD supports environmentkFreeBSD.%syour CPU does not implement AMD64 architecturekern_start = %lx, kern_end = %lx

bsdloader/i386/bsd.cinvalid arch-dependent ELF magicinvalid a.out headerload address below 1Mno NetBSD loaded %-18s%14s%14s%14s
 %-18s 0x%08x 0x%08x 0x%08xknetbsd_module_elf%u entries in smap
textgfxpayload%s;800x600800x600Booting in blind modecompcmdlen too longnetbsdunknown disk type nameonly device specifications of form <type><number><lowercase letter> are supportedonly com0-com3 are supportedkFreeBSD./boot/zfs/zpool.cacherawno FreeBSD loadedtype=elf64 kernelelf kernelzfsgzioLoad kernel of FreeBSD.FILEkfreebsdLoad kernel of OpenBSD.kopenbsdLoad kernel of NetBSD.knetbsdLoad FreeBSD env.kfreebsd_loadenvLoad FreeBSD
 kernel module.kfreebsd_moduleLoad NetBSD kernel module.knetbsd_moduleLoad NetBSD kernel module (ELF).Load FreeBSD kernel module (ELF).kfreebsd_module_elfLoad kOpenBSD ramdisk.kopenbsd_ramdiskwdfdsdcdvndrdno-smpDisable SMP.no-acpiDisable ACPI.asknameAsk for file name to reboot from.haltDon't reboot, just halt.configChange configured devices.kdbEnter in KDB on boot.minirootquietDon't display boot diagnostic messages.singleBoot into single mode.verboseBoot with verbose messages.debugBoot with debug messages.silentSuppress normal output (warnings remain).rootSet root device.DEVICEserialUse serial console.[ADDR|comUNIT][,SPEED]wdXYcomUNIT[,SPEED]dualDisplay output on all consoles.cdromUse CD-ROM as root.Invoke user configuration routing.gdbUse GDB remote debugger instead of DDB.muteDisable all boot output.nointrpauseWait for keypress after every line of output.dfltrootUse compiled-in root device.premature end of file %sinvalid arch-independent ELF magicinvalid arch-dependent ELF magicno symbol
 table_DYNAMICdynamic = %llx
bsdloader/i386/bsd32.cloading section to %x, size %d, align %d
elf modulerd_root_imagerd_root_sizeunexpected size of rd_root_sizepremature end of file %sinvalid arch-independent ELF magicinvalid arch-dependent ELF magicloading section to %x, size %d, align %d
bsdloader/i386/bsd64.celf obj moduleno symbol table_DYNAMICdynamic = %llx
rd_root_imagerd_root_sizeunexpected size of
rd_root_sizeLICENSE=GPLv3+aoutbootcpuidcryptoelfextcmdgcry_md5mmaprelocatorserialvideobsd2*4)NEcv&3I_:}4CZlx%B(<PG:r~*"8HWi(7|J>*R0ALi)6VHWsgrub_mod_initgrub_mod_finigrub_strlengrub_netbsd_load_elf_meta64grub_efi_finish_boot_servicesgrub_aout_get_typegrub_puts_grub_strncmpgrub_strtoullgrub_efi_system_tablegrub_env_update_get_sortedgrub_strcpygrub_elf_is_elf32grub_loader_is_loadedgrub_strrchrgrub_ns8250_hw_get_portgrub_dl_loadgrub_elf32_load_phdrsgrub_relocator32_bootgrub_freebsd_load_elfmodule32grub_elf_filegrub_xasprintfget_virtual_current_addressgrub_video_set_mode_gcry_digest_spec_md5grub_memmovegrub_device_opengrub_relocator_alloc_chunk_aligngrub_elf64_get_shnumgrub_disk_readgrub_unregister_extcmdgrub_loader_unsetgrub_dl_refgrub_mmap_iterategrub_file_seekgrub_relocator_unloadgrub_errnogrub_memsetgrub_openbsd_find_ramdisk32grub_register_command_priogrub_elf_is_elf64grub_video_get_driver_idgrub_mmap_get_lowergrub_mmap_get_uppergrub_freebsd_load_elfmodule_obj64grub_printfgrub_unregister_commandgrub_file_readgrub_freebsd_add_meta_modulegrub_elf_closegrub_print_errorgrub_zallocgrub_strcmpgrub_strchrgrub_elf64_loadgrub_mallocgrub_relocator64_bootgrub_file_closegrub_file_opengrub_real_dprintfgrub_freebsd_load_elf_meta32grub_callocgrub_freebsd_load_elf_meta64grub_netbsd_load_elf_meta32grub_device_closegrub_elf64_load_phdrsgrub_openbsd_find_ramdisk64grub_fs_probegrub_relocator_newgrub_crypto_hashgrub_errorgrub_video_get_info_and_finigrub_cpuid_has_longmodegrub_freegrub_dl_unrefgrub_register_extcmdgrub_env_setgrub_gettextgrub_memcmpgrub_loader_setgrub_verify_stringgrub_elf32_get_shnumgrub_elf32_loadgrub_env_getgrub_strtoulgrub_bsd_add_metagrub_aout_loadget_physical_target_addressgrub_elf32_get_phnumgrub_relocator_alloc_chunk_addrN<v)phh p
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3An)?#DJ*eoZ[SgY)3DKU"SZ`J9H E U T)
!@!)Q!d!~!!!Y!#!"*K"U"Se"uv"K"Y")"#ZL#Zn#~#T##`##)#*#P:$ST$$$$$Zp%>%U%b%z%^%%%%S&
&3&f&&&p&Q'k""*(G(](\{((*%)2)a)r)=)))* -*D*d*w*T*H**.+<+9F+[+Z+a,Lp,),,U,-]!-+-:-I-HZ-Ky--?-)---^-
.4..M.W.S.5.>../)(/2/F/P/d/////5/?00C%0AG0Z0P00E
1H61HQ1_191
1H1N1711#1T1T1)2*252P@2Q2[2e2.o22`22 2-2@226212M282,2U33g30+353x?3,I3S3(g3q3{3
33333h333%334<
4414#<4@K48Z40i43s4(4 444444'5)54-
5)G5JQ5Kv5'545)5J5K#6c76L6Ki6V6B6)6)7J7Kn7n57V7Z77Kb8^}88'84#9)d9)9J9K9999999@:Z9:Zf:N:n5;V=;]
;^;Q<b<l<v<@<4<*C=4p=4=4)> F>5_>N>A>n5?N?)-
?Vu?N@^@'@A'#A4[A)A)AJAKAZANWBn5BVBNBNB<JC'jC4C)
 D)IDJVDKD D9D+ EN)ENXE8 eEKE';F4NF)qFX ~FKFq F FKF!GB7G)nG)GX GKGEH!H^H I +I 5I ?I@I'I)I4I)IX
JK'J*eJ ~J5JZJN:KE\K!KZK
KK[L^yLL'L4M).M4BM
NM)rMX |MKM9M
M M M@NZ3NZ`NNNENNO)&O!pONP^P%PQ"Q4`Q)Q)QX QKQZQN\RER!RNRNS<SS'uS4S'S)4T)_TX lTKT/
T9T=
T98UNGUNvUJ
UKMP S0VpY]`gt|0@Xh F0MHdXlp`pFM(8@(P`h-=B0@Xbhh| 0HXp$-
FMdl.symtab.strtab.shstrtab.rela.text.rela.rodata.rodata.str1.1.data.module_license.bss.moddeps.modname
@V@x?+`V8 &@32]j
BhHhX h] hGfghph XqXo

1.449 ncurses 6.3

1.449.1 Available under license :

Upstream source https://invisible-island.net/ncurses/ncurses-examples.html

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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

This script is compatible with the BSD install script, but was written
from scratch. It can only install one file at a time, a restriction
shared with many OS's install programs.

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-- vile: txtmode file-encoding=utf-8
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This package is used for testing builds of ncurses.

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1.450 runc 1.1.5

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1.454 pyvmomi 5.5.0.2014.1.1

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file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
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1.456 html5lib 1.0.1

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1.457 python-setuptools 65.5.0

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

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

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

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

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
2.1.1		2001-now	PSF	yes

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The code contained in this directory was automatically generated using the
following command:

python -m validate_pyproject.pre_compile --output-dir=setuptools/config/_validate_pyproject --enable-plugins setuptools distutils --very-verbose

Please avoid changing it manually.

You can report issues or suggest changes directly to `validate-pyproject`
(or to the relevant plugin repository)

- https://github.com/abravalheri/validate-pyproject/issues

***

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- `fastjsonschema_exceptions.py`:
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1.459 rich 12.6.0

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1.460 python-requests 2.27.1

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1.461 urllib3 1.26.18

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1.462 pyproject-hooks 1.0.0

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1.464 urllib3 1.26.14

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1.465 python-pip 23.0.1

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file (certdata.txt). This file can be found in the mozilla source tree:
https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt
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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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

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

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

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

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under
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(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
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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
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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

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

In May 2000, Guido and the Python core development team moved to

BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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

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1.466 colorama 0.4.1

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1.467 python-setuptools 41.2.0

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1.468 packaging 19.0

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tgz/docker/ctrsort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/ctrtime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-

tgz/docker/ctrpath.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/ctrgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/ctrgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/ctrgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/ctrgithub.com/containerd/containerd/vendor/golang.org/x/net/internal/timeseries.(*tsLevel).Clear/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/ctrgithub.com/containerd/containerd/vendor/golang.org/x/net/internal/timeseries.(*tsLevel).InitLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListClient).Recv/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/ctrgithub.com/containerd/containerd/api/services/snapshots/v1.(*snapshotsListServer).Send/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.stringifyIntSliceFlag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(*IntSlice).Value/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.(*Context).IntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/ctrgithub.com/containerd/containerd/vendor/github.com/urfave/cli.lookupIntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/dockeralpha;alwaysamacr;amalg;angle;angrt;angst;aogon;appendaring;asymp;atildeattachauthoravx512awint;bcong;bdquo;bearerbeforebepsi;blank;blk12;blk14;blk34;block;bootIDborderboxDL;boxDR;boxDl;boxDr;boxHD;boxHU;boxHd;boxHu;boxUL;boxUR;boxUl;boxUr;boxVH;boxVL;boxVR;boxVh;boxVl;boxVr;boxdL;boxdR;boxdl;boxdr;boxhD;boxhU;boxhd;boxhu;boxuL;boxuR;boxul;boxur;boxvH;boxvL;boxvR;boxvh;boxvl;boxvr;bracedbreve;bridgebrvbarbsemi;bsime;bsolb;bumpE;bumpe;ca-
keyca.pemcaret;caron;causesccaps;ccedilccirc;ccups;cedil;cephfschan<-
changecheck;cinderclientclosedclubs;colon;color:comma;configcookiecoordscpusetcrarr;createcross;csube;csupe;ctdot;ctrl-@ctrl-[ctrl-\ctrl-]ctrl-^ctrl-_ctrl-actrl-bctrl-cctrl-dctrl-ectrl-fctrl-gctrl-hctrl-ictrl-jctrl-kctrl-lctrl-mctrl-nctrl-octrl-pctrl-qctrl-rctrl-sctrl-tctrl-uctrl-vctrl-wctrl-xctrl-yctrl-
zcuepr;cuesc;cupor;currencuvee;cuwed;cwint;darwindashv;dblac;ddarr;definedeletedelim(delta;denieddeploydetachdevicedharl;dharr;diams;digestdisin;dividedns-

rmdockerdomaindoteq;driverdryRundtdot;dtrif;duarr;duhar;eDDot;eacuteecirc;efDot;efenceeffectegraveegressemacr;empty
empty;env-rmeogon;eplus;epsiv;eqsim;equiv;erDot;erarr;errno errorsesdot;eventsexceptexec:
exist;existsexpectexpiryexportexposefailedfflig;field
filig;filterfjlig;fllig;fltns;followforkv;formatfrac12frac14frac34frasl;frown;fsTypegamma;gcirc;gcloudgescc;gimel;git://globalgneqq;gnsim;go1.5.go1.6.gophergrave;groupsgrpclbgsime;gsiml;gtcir;gtdot;hangupharrw;hcirc;headerheighthiddenhoarr;hostIPiacuteicirc;iexcl;igraveiiint;iiota;ijlig;imacr;image;imagesimath;imped;importinfin;iogon;ip+netipMaskiprod;iquestisinE;isins;isinv;iukcy;jcirc;jmath;jsCtx(jukcy;kappa;killedlAarr;lBarr;label!labelslangd;laquo;larrb;lates;latestlbarr;lbbrk;lbrke;lceil;lchownldquo;leaseslescc;lhard;lharu;lhblk;limitslistenllarr;lltri;lneqq;lnsim;loang;loarr;lobrk;lopar;lrarr;lrhar;lrtri;lsime;lsimg;lsquo;ltcir;ltdot;ltrie;ltrif;mDDot;mailtomastermdash;mediummemorymethodmetricmicro;middotminus;minutemips64modulemumap;nabla;napid;napos;natur;nbump;ncong;ndash;ndots:neArr;nearr;nedot;nesim;netbsdnetdnsngeqq;ngsim;nhArr;nharr;nhpar;nlArr;nlarr;nleqq;nless;nlsim;nltri;nocopynodeIDnoexecnofilenomandnosuidnotin;notni;npart;nprec;nrArr;nrarr;nrtri;nsime;nsmid;nspar;nsubE;nsube;nsucc;nsupE;nsupe;ntildenumbernumsp;nvsim;nwArr;nwarr;oacuteobjectocirc;odash;oelig;ofcir;ograveohbar;olarr;olcir;oline;omacr;omega;onlineopaqueoperp;oplus;orarr;order;originoslashostypeotildeoutputovbar;parsl;pausedpdNamephone;pluginplusb;pluse;plusmnpodIPspolicypopcntposterpound;prcue;prefixprettyprime;printfprnap;promptprsim;quest;rArr;rBarr;radic;rangd;range;rangesraquo;rarrb;rarrc;rarrw;ratio;rbarr;rbbrk;rbrke;rceil;rdquo;rdrandrdseedreadU4readatreals;reasonremoteremoverenamereturnrhard;rharu;rlarr;rlhar;rnmid;roang;roarr;robrk;ropar;rotaterrarr;rsapssrslaversquo;rtpriortrie;rtrif;rttimerune1
sbquo;scalarsccue;schemaschemescirc;scnap;scopedscopesscriptscsim;sdotb;sdote;seArr;searchsearr;secondsecretselectsendtoseriesserversetenvsetmn;sha256sha384sha512sharedsharp;sigma;signalsignersimeq;simgE;simlE;simne;slarr;smile;smtes;socketsocks
socks5sourcesplicesqcap;sqcup;sqsub;sqsup;squashsrarr;srcdocsrcsetstacksstagesstarf;state(statusstderrstdoutstream stringstrns;structsubnE;subne;subnetsupnE;supne;swArr;swarr;sweep
switchsysctlsysmonsystemszlig;taintstar.gztar.xztargettcp://telnettenanttheta;thkap;thorn;tilde;timerstimes;tlskeytrade;trisb;tshcy;twixt;typeofuacuteubrcy;ucirc;udarr;udhar;udp://ugraveuharl;uharr;uhblk;uint16uint32uint64ulimitultri;umacr;uniqueunlockunpigzunuseduogon;updateuplus;upsih;uring;urtri;usagesusemapusernsustar
ustar/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerDOWNGRD DSA-SHA1DataLossDecemberDefault:Detail:
Details:DevmajorDevminorDiamond;DiffCopyDisable:Divisor:DownTee;Drivers:DuployanDurationElement;EndpointEntries:EnvFrom:Epsilon;EthiopicExtenderFINISHEDFSGroup:FebruaryFields:
FieldsV1Filters:Flocker:GODEBUG=Gateway:Generic:GeorgianGitRepo:GoStringGujaratiGurmukhiHOSTNAMEHTTP/1.1HTTP/2.0HTTPGet:Handler:HeadlessHiraganaHostIPC:HostPID:HostnameIMAGEIDINSECUREINTERNALIPBlock:ImageID:Implies;Indices:Ingress:InstFailInstRuneInternalJavaneseJstype:
KatakanaKayah_LiKeyring:LeftTee;Linear_ALinear_BLinknameListMetaLocale:
LocationMD5+SHA1MahajaniManager:ManifestMaxSkew:MemUsageMembers:Message:Method:
Methods:Metrics:Mixins:
ModTime:Monitor:NETWORKSNO_ERRORNO_PROXYNetwork:NetworksNewLine;NoBreak;NodeBoolNodeIDs:NodeListNodeSpecNodeTextNotFoundNotLess;NovemberNumber:
OFFICIALORPHANEDOSImage:Ol_ChikiOmicron;Oneofs:
Options:OverBar;OverheadPREVIOUSPRIORITYPacked:
ParseIntPasswordPayload:Phags_PaPlatformPlugins:PodCIDR:Portals:PreStop:PriorityProduct;QuantityQuestionQuobyte:RBDPool:REJECTEDREPLICASROLLBACKRPRIVATERTMAX-10RTMAX-11RTMAX-12RTMAX-13RTMAX-
14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15ReadBoolReadInt8ReceivedRelated:Removed:ReplicasRequest:ResourceRestart:Retries:RoleRef:Root
KeyRunning:Runtime:SELinux:SERVICESSETTINGSSHA1-RSASHA3-224SHA3-256SHA3-384SHA3-512SHUTDOWNSTARTINGSameSiteSaturdayScaleIO:Scopes: Seconds:Secret:

Secrets:SelectByService:ServicesSigned:
SnapshotSources:StackAPIStarted:Streams:SubPath:Subject:Subsets:Suspend:Syntax:
Sysctls:TLSInfo:TagbanwaTai_ThamTai_VietTaskIDs:TaskSpecThursdayTifinaghTimeout:Trailer:TypeAAAATypeAXFRTypeMetaTypeUrl:UPDATINGUgariticUlimits:UpArrow;Uparrow;Updates:Upsilon;User
PinUserInfoUsernameValues: Version:Volumes:Waiting:Webhook:Xattrs: ZgotmplZ[%s>%s]
[::1]:53[:word:][]Event{[]Lease{[]PodIP{[]Taint{[a-zA-Z][mapKey][signal "@type":"Config""value":

Found in path(s):
* *specs.WindowsStorageResources
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found in path(s):
* ZeroFields
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
*channelz.channel *cipher.BlockMode *cli.DurationFlag *cli.IntSliceFlag *cli.RequiredFlag *cni.ConfigResult
*containerd.Image/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
*timeseries.tsLevel *tls.ClientAuthType/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr *[]*timeseries.tsLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr

Found in path(s):
* json:"msg" MulticastAddrs OnlyCachedConn ProgressOutput ReadBufferSize ReplaceAllFunc RequiredNotSet ReservedRanges ResponseToHEAD RevocationTime ScalarBaseMult SetEmitEnabled SetReuseFrames SetWithComment SetWithOptions SetWriteBuffer SetsockoptByte SignatureValue SkipAdditional SkipAllAnswers SkipArgReorder StreamsStarted TransferCTable TypeDescriptor UnmarshalState VerifiedChains VerifyHostname VersionService WriteRSTStream XXX_OneofFuncs
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdr*struct { F uintptr; wg *sync.WaitGroup; s *grpc.Server; st transport.ServerTransport; roundRobinCounter *uint32 }

Found in path(s):
* PgdeactivateOprotobuf:"varint,27,opt,name=pgdeactivate,proto3" json:"pgdeactivate,omitempty"
PodAntiAffinityLjson:"podAntiAffinity,omitempty" protobuf:"bytes,3,opt,name=podAntiAffinity"
PreferAvoidPodsLjson:"preferAvoidPods,omitempty" protobuf:"bytes,1,rep,name=preferAvoidPods"
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,1,opt,name=resourceVersion"
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,2,opt,name=resourceVersion"
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,4,opt,name=resourceVersion"
ResourceVersionLjson:"resourceVersion,omitempty" protobuf:"bytes,6,opt,name=resourceVersion"
ResourceVersionLjson:"resourceVersion,omitempty"
protobuf:"bytes,7,opt,name=resourceVersion" StoragePolicyIDLjson:"storagePolicyID,omitempty"
protobuf:"bytes,4,opt,name=storagePolicyID" VolumeNamespaceLjson:"volumeNamespace,omitempty"
protobuf:"bytes,2,opt,name=volumeNamespace"

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd *sha512.digest *snapshots.Opt *sort.IntSlice *spdy.StreamId *specs.Process *specs.Solaris *specs.VMImage *specs.Windows/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd *zstd.fseState AbsolutePrefix AdActorSysPrio AddASN1Boolean AddASN1UTCTime AddMatchSignal AddNetworkList AllAdditionals AllAuthorities AppendFullName ApplyWithError AsFloat64Slice AuthorityKeyId AuthorizerOpts BalancerConfig BorrowIterator BoundaryBefore BreakWithError BytesBase64Var C_CloseSession C_CreateObject C_DecryptFinal C_DigestUpdate C_EncryptFinal C_GetTokenInfo C_VerifyUpdate CallsSucceeded CapabilityArgs ChannelzMetric CheckSignature CheckpointOpts ChildSpanCount ClockFrequency CloseWithError CombinedOutput CommonAuthInfo CompareAndSwap CompressorType ContainerStats ContentSubtype ConvertSchema1 Cpu
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *sha512.digest *socks.Command *sort.IntSlice *ssh.PublicKey
*ssh.Signature/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *zip.nopCloser AddASN1Boolean AddASN1UTCTime AllAdditionals AllAuthorities Aud
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *solver.expDep *sort.IntSlice *source.Source *specs.Process *specs.Solaris *specs.VMImage *specs.Windows *srslog.Framer *srslog.Writer *ssh.PublicKey *ssh.Signature/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *zk.syncRequest AAAA

Found
in path(s):
* ZeroReadIsEOF
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxysync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxytime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxyruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxysync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd-I-L-N-O-P-R-S-X-c-d-e-f-i-j-m-n-o-p-q-r-s-t-u-v-w.*...0.1.:._/*/.///=/C/S/i00010X0b0n0o0s0x1.13255380:
:/:::=:]; <!<-<<<=<><?<@=#='===?="">
>=>>?=?>??A3A4BEByCACHCNCSCcCfCoCsDHDSEBGAGBGOGTHSIDINIOKBKXLELPLTLlLmLoLtLuM

BMDMFMGMRMXMcMeMnMuNSNdNlNoNuOKOUOsPBPXPcPdPePfPiPoPsRPRTSTScSkSmSoTATBTZTeToUPV0V1V2V3V5V6V7XiYBYiZBZ"ZlZpZs[?[][^"
")":">"

Found in path(s):
* found bad pointer in Go heap (incorrect use of unsafe or cgo?)runtime: internal error: misuse of lockOSThread/unlockOSThreadruntime.SetFinalizer: pointer not at beginning of allocated blockbytes.Buffer: UnreadByte: previous operation was not a successful readcannot convert slice with length %y to pointer to array with length %xtoo many concurrent operations on a single file or socket (max 1048575)reflect.Value.Interface: cannot return value obtained from unexported field or methodreflect: New of type that may not be allocated in heap (possibly undefined cgo C type)000102030405060708091011121314151617181920212223242526272829303132333435363738394041424344454647484950515253545556575859606162636465666768697071727374757677787980818283848586878889909192939495969798 99
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

Found in path(s):
* *cmp.PathStep
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim
*runtime.wbBuf *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows *status.Status/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim{}|0|1|=||}
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2
*sha256.digest *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows *stats.CPUStat *stats.IOEntry *stats.Metrics *status.Status/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2$%')+-.013:<=>?@FMPSZ^`dfghikmnopqstuvy|
+ @ P [!=%-%=%T%d%q%v%x&&&=&^("))()
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

Found in path(s):
* lazyInitSlow
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-

tgz/docker/dockerruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.IntSlice.Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockersort.(*IntSlice).Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockertime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerpath.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/golang/protobuf/proto.(*Buffer).decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*boolSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*durationSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*float32SliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*float64SliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*int32SliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*int64SliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*intSliceValue).Set/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*intSliceValue).Type/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*intSliceValue).String/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*intSliceValue).Append/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*intSliceValue).Replace/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*intSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.intSliceConv/opt/cola/permits/2638087389_

1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*FlagSet).GetIntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*FlagSet).IntSliceVar/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.newIntSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*FlagSet).IntSliceVarP/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*FlagSet).IntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*FlagSet).IntSliceP/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*ipSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*stringArrayValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*stringSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*uintSliceValue).Set/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*uintSliceValue).Type/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*uintSliceValue).String/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*uintSliceValue).Append/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*uintSliceValue).fromString/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*uintSliceValue).Replace/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*uintSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*uintSliceValue).toString/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.uintSliceConv/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*FlagSet).GetUintSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*FlagSet).UintSliceVar/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.newUintSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*FlagSet).UintSliceVarP/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*FlagSet).UintSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/spf13/pflag.(*FlagSet).UintSliceP/opt/cola/permits/263

8087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockertype..eq.github.com/docker/cli/vendor/github.com/spf13/pflag.intSliceValue/opt/cola/permits/263
8087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockertype..eq.github.com/docker/cli/vendor/github.com/spf13/pflag.uintSliceValue/opt/cola/permits/26
38087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/gorilla/mux.(*Router).StrictSlash/opt/cola/permits/2638
087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11._Cfunc_GetSlotInfo/opt/cola/permits/263
8087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11._Cfunc_GetSlotList/opt/cola/permits/263
8087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(*Ctx).GetSlotList/opt/cola/permits/2638
087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(*Ctx).GetSlotList.func1/opt/cola/permit
s/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(*Ctx).GetSlotInfo/opt/cola/permits/2638
087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(*Ctx).GetSlotInfo.func3/opt/cola/permit
s/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(*Ctx).GetSlotInfo.func2/opt/cola/permit
s/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/miekg/pkcs11.(*Ctx).GetSlotInfo.func1/opt/cola/permit
s/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/golang.org/x/net/internal/timeseries.(*tsLevel).Clear/opt/cola/permit
s/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/golang.org/x/net/internal/timeseries.(*tsLevel).InitLevel/opt/cola/pe
rmits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/apimachinery/pkg/util/json.convertSliceNumbers/opt/cola/pe
rmits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/github.com/docker/swarmkit/api.(*SelectBy).GetSlot/opt/cola/perm
its/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).Reset/opt/cola/permits/2638087
389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).ProtoMessage/opt/cola/permits/
2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).Descriptor/opt/cola/permits/263
8087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).XXX_Unmarshal/opt/cola/perm
its/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).XXX_Marshal/opt/cola/permits
/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).XXX_Merge/opt/cola/permits/2
638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).XXX_Size/opt/cola/permits/263
8087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).XXX_DiscardUnknown/opt/col
a/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).Marshal/opt/cola/permits/26380

87389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).MarshalTo/opt/cola/permits/263
8087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/api/core/v1.(*EndpointsList).MarshalToSizedBuffer/opt/cola
/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/client-
go/kubernetes/typed/discovery/v1alpha1.(*endpointSlices).Get/opt/cola/permits/2638087389_1758660464.1729765
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go/kubernetes/typed/discovery/v1alpha1.(*endpointSlices).Watch/opt/cola/permits/2638087389_1758660464.17297
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go/kubernetes/typed/discovery/v1alpha1.(*endpointSlices).Create/opt/cola/permits/2638087389_1758660464.17297
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go/kubernetes/typed/discovery/v1alpha1.(*endpointSlices).Update/opt/cola/permits/2638087389_1758660464.1729

765/0/docker-20-10-17-tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/client-go/kubernetes/typed/discovery/v1alpha1.(*endpointSlices).Delete/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/client-go/kubernetes/typed/discovery/v1alpha1.(*endpointSlices).DeleteCollection/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockergithub.com/docker/cli/vendor/k8s.io/client-go/kubernetes/typed/discovery/v1alpha1.(*endpointSlices).Patch/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockertype..eq.github.com/docker/cli/vendor/k8s.io/client-go/kubernetes/typed/discovery/v1alpha1.endpointSlices/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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MIT License (MIT)

Found in path(s):
* VolumeOptionsdprotobuf:"bytes,6,opt,name=volume_options,json=volumeOptions,proto3" json:"volume_options,omitempty" Webhooksijson:"webhooks,omitempty" patchStrategy:"merge" patchMergeKey:"name" protobuf:"bytes,2,rep,name=Webhooks"
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdX*struct { Type string; Actions [][]uint8; Indexes [][]int "json:\"indexes,omitempty\"" }

Found in path(s):
* *snapshots.snapshotsListServer
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdsync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdsort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-

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apshotsListClient.SendMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListClient.Trailer/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.Context/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.RecvMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SendHeader/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SendMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SetHeader/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/containerd/containerd/api/services/snapshots/v1.snapshotsListServer.SetTrailer/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*boolSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*durationSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*float32SliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*float64SliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*int32SliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*int64SliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*intSliceValue).Set/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*intSliceValue).Type/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*intSliceValue).String/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*intSliceValue).Append/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*intSliceValue).Replace/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*intSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.intSliceConv/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*FlagSet).GetIntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*FlagSet).IntSliceVar/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*FlagSet).IntSliceVarP/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*FlagSet).IntSlice/opt/cola/permits/2

638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*FlagSet).IntSliceP/opt/cola/permits/
2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*ipSliceValue).GetSlice/opt/cola/per
mits/2638087389_1758660464.1729765/0/docker-20-10-17-
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permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*uintSliceValue).Type/opt/cola/permi
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mits/2638087389_1758660464.1729765/0/docker-20-10-17-
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mits/2638087389_1758660464.1729765/0/docker-20-10-17-
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rmits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*uintSliceValue).GetSlice/opt/cola/pe
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tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.uintSliceConv/opt/cola/permits/26380
87389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdgithub.com/docker/docker/vendor/github.com/spf13/pflag.(*FlagSet).GetUintSlice/opt/cola/perm
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s/2638087389_1758660464.1729765/0/docker-20-10-17-
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ts/2638087389_1758660464.1729765/0/docker-20-10-17-
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opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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pt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runc getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc
*uintptr Absolute ActorKey AdSelect AddChild AddrType Addrtype ApplyDir Assemble Attached Attr_clr Attr_set Binomial Bounding Buffered ByNumber BytesPtr CanMknod CapNames Category Commands Compiled Constant Contains CopyList CopyPipe CoreDump CountFds CriuPath DNSStart Deadline DefValue Duration ElseList EncodeT Encoding ExitCode ExitFunc Exporter Extendee FieldMap FileLine FilePath FileSize Filename FindType FlowInfo Flowinfo Footnote FullName Function GetExtra GetGitid GetIfOut GetInode GetLevel GetPaths GetState GetStats GetUsage GetValue GetVeths GoString GroupIds HashFunc HelpName HideHelp InitArgs InitJSON InitPath Instance Int32Ptr Int64Ptr Int64Var IntSlice IsAssign IsFenced IsHeader IsPacked IsPinned IsPublic IsStream IsUint64 JSONN KillUnit KindFlag LacpRate Learning LinkData LinkType ListData ListJobs Location LogLevel LookupIP LookupMX LookupNS MACAddrs MapIndex MapRange MapValue Messages Metadata MinLinks MulRange Multiply NewField NewValue NodeType Nsignals NumEnums NumField NumFiles NumFlags NumPorts OCIState Optional PMtuDisc ParentID PeerName PortHigh Position Pow22523 PreferGo Protinfo Protocol ProxyArp Question Queue_id RawFlags

RawWrite ReadByte ReadFrom ReadLine ReadRune ReaderAt Readlink Required Resolver Rootless RunCount RunHooks RxErrors Scope_id Sections Sequence Services SetALUOp SetBytes SetEDNS0 SetFlags SetFloat SetInt64 SetLevel ShellJob Shstrndx Shutdown Signaled Simplify SizeType SkipTrue Snapshot Spoofchk StatusFd StopUnit SubState Subtract SysUsage TextName Truncate TxErrors TypeName UnitName UnixConn UnixNano UserTime Username Validate VisitAll Warningf WithTime WriteInt WriteMsg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

Found
in path(s):
* UnsolicitedLprotobuf:"varint,2,opt,name=unsolicited,proto3" json:"unsolicited,omitempty"
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc *sha512.digest *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc *unix._Socklen *user.ExecUser AbsolutePrefix AdActorSysPrio AddMatchSignal AllAdditionals AllAuthorities AppendFullName ApplyWithError CPU

Found in path(s):
* *dbus.Variant
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdTLS_ECDHE_RSA_WITH_AES_128_CBC_SHATLS_ECDHE_RSA_WITH_AES_256_CBC_SHAUnable to write frame to %d: %v /opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimtime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.IntSlice.Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(*IntSlice).Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(*IntSlice).Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-

tgz/docker/containerd-shimsort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(*IntSlice).Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimsort.(*IntSlice).Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimpath.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·4/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shimgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·3/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2 getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2 getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2 /opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2runtime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2time.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-

v2reflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.IntSlice.Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(*IntSlice).Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(*IntSlice).Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(*IntSlice).Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2sort.(*IntSlice).Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2path.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·4/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·3/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2github.com/containerd/containerd/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctrutdot;utimesutrif;uuarr;v%d.%dvBarv;vDash;value:varintvarpi;vdash;veeeq;vltri;vnsub;vnsup;void#0vprop;vrtri;waitidwcirc;wedge;weightwritevxcirc;xdtri;xhArr;xharr;xlArr;xlarr;xodot;xrArr;xrarr;xutri;yacuteycirc;%gs

UUID: %v=%v, (conn) (scan (scan) (trap MB in Value> action allocs dying= error flags= len=%d locks= m->g0= nmsys= s=nil
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctrTLS_ECDHE_RSA_WITH_AES_128_CBC_SHATLS_ECDHE_RSA_WITH_AES_256_CBC_SHA [flags] CONTAINER [CONTAINER, ...]adding nil Certificate to CertPoolallow connections using plain HTTParchive/tar: header field too longbad pointer in byte slice case in bad scalar length: %d, expected %dbad tag in lazy extension decodingbetterFastEncoder: Reset with dictcan't evaluate field %s in type %scan't handle %s for arg of type %scan't read type info for id %v: %vcan't write instruction offset: %vcannot load seccomp profile %q: %vcannot unmarshal an event from Anycgroups: unable to remove paths %schacha20:
wrong HChaCha20 key sizeconnection doesn't support Ed25519containerd.events.TaskCheckpointedcontainerd.io/defaults/snapshottercontainerd.io/distribution.source.containerd.task.v2.ConnectResponsecontainerd.task.v2.ShutdownRequestcould not get free loop device: %wcould not open loop device: %s: %wcrypto/aes: invalid buffer overlapcrypto/des: invalid buffer overlapcrypto/rc4: invalid buffer overlapcrypto/rsa: missing public modulusdoaddtimer: P already set in timerdriver: remove argument from queryduration (%v) exceeds +10000 yearsduration (%v) exceeds -10000 yearsenable the default seccomp profileerror setting option on socket: %vexecutable file not found in $PATHexpected an RSA public key, got %Texpected comma after array elementexports content from all platformsextraction snapshot removal failedfailed to mount from repository %sfailed to read config file: %v: %wfailed to resolve reference %q: %wfailed to set loop device info: %vfailed to unmarshal raw result: %wfailed to write image manifest:
%wflag provided but not defined: -%sforEachP: sched.safePointWait != 0frame_settings_window_size_too_bigframe_windowupdate_zero_inc_streamgogoproto.goproto_unrecognized_all google.protobuf.FieldOptions_CTypegoogle.protobuf.Struct.FieldsEntrygrpc: message too large (%d bytes)http2: aborting request body writehttp: MultipartReader called twicehttp: connection has been hijackedhttp: persistConn.readLoop exitinghttp: read on closed response bodyi/o operation on closed connectionillegal base64 data at input byte in \u hexadecimal character escapeinternal error: block too big (%d)invalid nested repetition operatorinvalid or unsupported Perl syntaxinvalid padding bits in BIT STRINGinvalid version %q: too many partsio.containerd.cgroups.v1.BlkIOStatio.containerd.cgroups.v1.RdmaEntryio.containerd.cgroups.v2.RdmaEntrymedia-type: schema 1 not supportedmismatching field: got %v, want %vmspan.ensureSwept: m is not lockedno manifest found for platform: %wno matching entries in passwd fileonly
manifests may be exported: %wout of bounds access of target: %wout of memory allocating allArenasproto: duplicate enum registered: proto: unexpected type %T in oneofprotobuf tag not enough fields in reflect.FuncOf: too many argumentsreflect: ChanDir of non-chan type reflect: Field index out of boundsreflect: Field of non-struct type reflect: Method index out of rangereflect: recv on send-only channelreflect: send on recv-only channelreflect: string index out of rangeremove the container after runningrequested skippable frame (%d) < 8runtime.SetFinalizer: cannot pass runtime: g is running but p is notruntime: netpollBreak write failedruntime: unexpected return pc for schedule: spinning with local worksemaphore: released more than heldslice bounds out of range [%x:%y:]slice bounds out of range [:%x:%y]snappy: decoded block is too largesnappy: unsupported literal lengthspecify the path to the stdin fifostorage.read_count_normalized %d
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerTLS_ECDHE_RSA_WITH_AES_128_CBC_SHATLS_ECDHE_RSA_WITH_AES_256_CBC_SHATar:
Can't stat file %s to tar: %sThe name or reference was invalid.Top-level object must be a mappingTrust certs signed only by this CAUnable to find image '%s' locally
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxy getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-proxy`hms{} + @ P [(''))()
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerdTsL/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

*uint64 *zk.ACL Acquire Actions AddASN1 AddAuth AddBool AddCert AddData AddDate AddEnvf AddFlag Addl
AddHost AddJSON AddLink AddMeta AddPeer AddProc AddTask AddTime AddWait AddZone AddrAdd AddrDel
Address Advance AlgCode Aliases Allowed Ancount Applied Applier Arcount AssocID AtLeast AuthURL Backend
Backlog Backoff BaseURI Bindcnt Binding BitSize Blksize Blobsum BoolVar BucketN Buckets BufSize BuildID
BusName CMajFlt CMinFlt CPUTime CSMHost CSMPort CStderr CStdout CacheID CanAddr CapDrop Catalog Cbu
CellLog Cgroups ChainID ChanDir Changed Changes Channel CheckFn CheckID ChildIP Ciphers ClassId Cleanup
CloseIO Cluster CmdLine CmpPort Collect Command Comment Compact Compare Complex Conceal Configs Confi
Conn_id Connect Console Consume Content Context Control Convert Cookies Counter Country Created Current Cur
DNSDone DNSName DataDir Datasec DebugFn DebugGC Debugln Decoder Decrypt Default Dequeue Destroy Deta
Dev_idx Devices DialTCP DialTLS Disable Discard Display Divisor DstAddr DstName DstPort Dst_len DupCorr Dy
EachRef Eaction Elapsed EmitInt EmitKey Enabled Encoded Encoder Encrypt EndLine EndTime Enqueue Entries En
ErrCode ErrorFn Errorln Eswitch EventCh Example ExecIDs Execute ExistsW Expires Explain Exports ExtDNS2 Ex
Fackets FailTTL Failure FatalFn Fatalln Feature Fetcher Filters FindAll FixTask Float32 Float64 Flushed Flusher Fo
Forward FouList Freeing GIDMaps Gateway GetArgs GetBody GetBool GetByID GetCaps GetCode GetCols GetCon
GetCopy GetData GetDest GetDone GetDrop GetEnum GetExec GetExit GetFile GetHelp GetHost GetInfo GetInit G
GetItem GetKey3 GetKeys GetKind GetLast GetLazy GetLine GetList GetLogs GetMean GetMeta GetMode GetNam
GetNext GetNode GetOCSP GetPath GetPeer GetPort GetPost GetRefs GetRole GetRoot GetRows GetSalt GetSink
GetSize GetSlot GetSpan GetStat GetSums GetTask GetType GetUint GetUnit GetUser GetWeak GotConn Hairpin
Handled Handler HasKeys HasLink HasNext HdrSize Headers HeapSys History Holders HomeDir HostKey Hrtimer
IAMInfo IDPBES2 IPAddrs IPMaskP IPSlice IPTable ISOWeek IfIndex Ifindex IifName ImageID Imports In6Addr
Inblock Include Indexer Indexes Ingress IniData Initial InsnOff Inspect Install Int8Var IntVarP Integer Inverse IpcMo
IsAgent IsAlive IsBytes IsEdns0 IsEmpty IsError IsFloat IsInt64 IsValid Iterate KVStore KeyFile KeySize KeyType
Keyring KillAll LLBCaps Latency LazyLog LeadCCC LevelAt LikePtr LinkAdd LinkDel Linkage LoadRef LocalIP
Locator LockKey LogName LogPath LogSync Logging Longest Lookups MACSize MPLSDst Machine Macvlan
MakeMap Mallocs Managed Manager MantExp MapKeys MapOpts MapType Mapping Marshal Matcher Matches
MaxAttr MaxBits MaxSize Maximum Measure MemFree Members MergeIn Message Methods Metrics Migrate MinP
MinTime Minimum Minutes Mirrors ModSqrt ModTime Msgsize Mutable NameOff NetMode NetNSFD NetNsID
Network NewDesc NewLock NewPath NewTask NextHop NextKey NoCache NoPivot NoProxy Noticef Nscount
NumResp NumUnit Observe OffMask Offmask OifName OldNode OldTask OnBuild OnError OneShot OpenTxN Op
Ordinal OrigErr OrigTtl Oublock Outputs Packets Padding PanicFn Panicln Parents ParseFS PassTTL PauseNs Paylo
PeelOff PeersID PidFile PidMode PkgPath Pkttype Plugins Pointer PortLow PortVID PostRun PreRunE PreVote Prep
Present Presign Primary PrintFn Println Priomap Proceed Process Product Profile Program Promisc Propose Publish
Quantum Queries QueueID QueueId RLocker RUnlock RWMutex RateEst RawBody RawData RawJSON RawPath
RawRead Rcv_mss Rcv_rtt ReadAll ReadAny ReadBit ReadDir ReadInt ReadMsg ReadNil ReadTCP ReadUDP Read
Readdir ReadyCh Receive Records RecvMsg RefName RefType Referer Refresh Regions Release Remotes Removed
Replace Request Reserve Resolve Respond Restart Restore Retrans Retryer Reverse RoleARN RootCAs RuleAdd Ru
Running Runtime RxBytes SCTList Sampler Sandbox ScaleBy Schemes Seccomp Seconds Secrets Section SendMsg
Servers Service Session SetAddr SetArgs SetAxfr SetBits SetBool SetCode SetFlag SetFrac SetFrom SetIxfr SetKeys
SetKind SetMeta SetMode SetName SetPrec SetSize SetTags SetTask SetTime SetTree SetTsig SetUint SetVlen Setc
Setpgid Setting ShmPath ShmSize Shuffle SigAlgo Signbit Similar Snd_mss Sockets SoftIRQ Sources SpecRef SrcA
SrcName SrcPort Src_len Started StdTime Stopped Storage Streams StringP StructT SubConn SubPool SubType Subj
Subnets Subtype Success Summary Symbols Symlink Syscall TCPInfo TLSInfo TagConn TagKeys Tasklet TimeOut
Timeout ToArray ToIPNet ToInput ToInt32 ToInt64 ToNames ToProto ToSlash ToSlice ToState TraceFn TraceID T
Trailer TryRecv TrySend TxBytes TxStats TypeLen TypeOff UDPCSum UDPSize UIDMaps URLHost URLPath
UTSMode Uint16P Uint32P Uint64P UintVar Ulimits Unacked Unknown Unmount Unwrite UpDelay Upgrade UseLi
UseTime User_id V1Image Variant Verbose Version VertPre Visited Volsize Volumes VxlanId WarnTTL Warning
WasIdle Watcher Weekday Weights Witness WorkDir Workers Wrapped WriteAt WriteTo Written X__pad0 YearDay
YellowB YellowF/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *v4.rule
*wal.WAL *zk.Conn *zk.Lock *zk.Mode *zk.Stat Absolute ActorKey AdSelect AddBytes AddChain AddChild AddE
AddError AddMount AddUint8 AddValue AddrList AddrType Addrtype Allocate Altitude Annotate AppArmor Apply
Attached Attempts Audience AuthInfo AuthType AutoSync Aversion Backdate BaseName Behavior BindAddr BindPo
Binomial Blobsums BoolVarP Buffered ByteHard ByteSoft BytesHex CPUQuota Ca_state CacheHit CacheKey Cache
CacheOpt CalledAs Campaign CanMknod CancelAt Canceled CapNames CastType Category CertFile CertType
Checksum Children ChownOpt ClassAdd ClassDel ClientID Coalesce Commands Comments Complete Compress
ConfigID Conflict ConnPool Constant Contains ContentD Continue CopyFile CopyFrom CopyList CopyNext CopyPip
CoreDump CountVar Creation CrossOut Cversion DNSNames DNSStart DataLoss DataPath DataSize Datasets Deadli
DefValue DefaultB DefaultF Delegate Demangle Describe Detailed DevMajor DevMinor Devmajor Devminor DiffCo
DiffSize Digester Download Duration EachPage ElseList EmitBool EnableGC Encircle EncodeTo Encoding Endpoint
ErrorLog Evaluate EventNum Examples Exchange Excludes ExecFunc ExecRoot ExecuteC Executor Exemplar ExitCo
ExitFunc ExitTime ExitedAt Expanded Expected ExportTo Exporter Extended FTPProxy Facility FailFast Failures
Familiar Families Features FieldMap FileInfo FileLine FileName FileSize Filename Finalize FindType Finished Float3
Float64P FlowInfo Flowinfo FlushAll FormFile FormName Fragment FromArgs FromDisk Frontend Function GCPoli
GRPCConn Generate GetAttrs GetBegin GetBuild GetCache GetCount GetCtype GetEntry GetError GetField GetFina
GetFirst GetGauge GetGroup GetIPNet GetImage GetInUse GetIndex GetInfos GetInput GetInt16 GetInt32 GetInt64
GetLabel GetLayer GetLevel GetLinks GetMajor GetMinor GetMkdir GetMount GetNanos GetNodes GetOwner GetP
GetPaths GetQuota GetRange GetRealm GetRoute GetRules GetScale GetShard GetSinks GetSize_ GetSlice GetStart
GetState GetTasks GetToken GetTotal GetTrace GetTypes GetUint8 GetValue GetWatch GetWidth Getxattr GoString
GroupAdd GroupIds HTTPPath Handlers HasAlias HasError HasFired HasFlags HashFunc HeapIdle HelpFunc Hijack
Hijacker HopLimit Hoplimit HorizPre HostAddr HostName HostOnly HostPort Hostname HttpAuth HttpOnly IDPBK
IPAMData IPNetVar IPSliceP IPv4Data IPv6Data IdleTime IfaValid InUserNS Indirect InitFunc InitSpec InsertID Ins
Int16Var Int32Var Int64Var Int8VarP IntSlice IntValue Internal Interval IpamInfo IsAlways IsAssign IsBridge IsClien
IsFolded IsHyperV IsLeader IsMember IsNormal IsPacked IsPaused IsPinned IsProto3 IsPseudo IsScalar IsSecure IsS
IsStream IsString IsSubset IsUint64 Iterator JSONName JoinAddr JoinRaft KexAlgos KeyBytes KeyLease KeyUsage
KillShim KindFlag LLIPAddr LacpRate Language Latitude Learning LengthOf LessThan LinkFrom LinkList LinkNam
LinkType Linkname ListKeys ListLogs ListOpts ListPids Listener Locality Location LockOpts LockedAt LogEvent
LogLevel LookupIP LookupMX LookupNS LossCorr MACAddrs MSpanSys MagentaB MagentaF Manifest MapIndex
MapRange MarkDead Maskable Maskbits MatchErr MaxDelay MaxFiles MemTotal Messages Metadata MinLinks
MinValue Minburst MkdirAll MulRange Multiply MustSync MyWindow NameList NameUsed NdotsSet Negation
NeighAdd NeighDel NeighSet NetIPNet Networks NewChain NewChild NewGauge NewRoute NewTimer NextLine
NextPage NextPart NextType NlMsghdr NoCommit NoLchown NodeAddr NodeGuid NodeMeta NodeName NodeTyp
NotAfter NotFound NotHoist NotifyCb Nsignals NumField NumLabel NumNodes NumPorts Official Offshift OnCom
OpenFile Optional OrigErrs OrigName Original OtherLen OtherSys Overhead Overline PEMBlock PMtuDisc PacketC
PageInfo PageSize ParentIP ParseAll ParseErr Password Patterns PauseEnd PeakRate Peakrate PeerAddr PeerConn
PeerName Platform Policies Populate PortHigh Position PostForm PostRunE Pow22523 PowerSet PreferGo PrintErr
Priority Progress Protinfo Protocol Provider Province ProxyArp ProxyEnv PruneTag PushBack PusherID QdiscAdd
QdiscDel QueryIDs Question Queue_id RGB3BitB RGB3BitF RGB8BitB RGB8BitF RawBytes RawFlags RawQuery
RawToken RawWrite Rdlength ReMapAll ReadBits ReadBool ReadByte ReadFile ReadForm ReadFrom ReadFull
ReadInt8 ReadIntf ReadLine ReadLogs ReadOnly ReadRune ReadTime ReadUint ReaderAt Readlink Readonly Ready
RealSize Receiver RecvMsgs RecvTime Redacted RefCount Register Registry Released ReloKind RemoteIP Repeated
RepoName RepoTags Requests Requeues Required Requires ReserveN Reserved Resolver Resource Response ResultI
Retrieve Revision Rollback RootCert RootPair Rootless RouteAdd RouteDel RouteGet RtGenmsg RuleList Runnable
Runtimes RxErrors SCTPRead SameSite SaveSnap Scope_id ScrollUp SecretID Sections Security Segments Selector
SendFile SendMsgs SentTime Sequence ServeDNS ServeTLS Services SetALUOp SetBurst SetBytes SetEDNS0
SetEdns0 SetError SetField SetFlags SetFloat SetGauge SetIndex SetInt64 SetLabel SetLevel SetLimit SetNames SetO
SetRcode SetReply SetState SetValue Setxattr Severity ShimInfo Shstrndx Shutdown SignCert Signaled Simplify Size

Snapshot Snd_cwnd SockAddr SpanKind SpecText Spoofchk StackSys StartNow StatFile StatPath StateDir Statuses
StopShim StreamCh StreamID SubChans Subjects SubnetIP Subtract Supports SwapFree SysUsage TagImage TarUnta
Terminal TimeHard TimeSoft ToString ToUint32 ToUint64 TokenURL TrailCCC Transfer Traverse Truncate TrustKe
TxErrors TypeFlag Typeflag Uint8Var UintVarP UniqueId UnixConn UnixNano Unparsed UseStdin UserName UserT
Username ValidLft Validate Validity Verified Verifier Vertexes VisitAll WaitTime WalkPath Warningf Warnings
Wildcard WireType WithArgs WithName WithTime Writable WriteExt WriteInt WriteMsg WriteNil WriteRaw Write
XXX_Size/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *v4.rules
*view.Row *xml.Attr *xml.Name *zk.Event *zk.State A dns:"a" AResource AcceptTCP AddCookie AddDigest
AddDriver AddGoFlag AddMember AddNested AddObject AddResult AddRtAttr AddSample AddSignal AddString
AddUint16 AddUint24 AddUint32 Addralign Addresses Aggregate Algorithm AllocSize Allocated Allocator AllowHT
Annotatef Anonymous ApplyDiff ApplyOpts AsSymbols AtomicPut Audiences AuthStyle Authority Authorize
AutoClose Available BaseDelay BasicAuth BeginTime Benchmark BindAddrs BitLength BitString BlinkSlow BlockSi
BodyStart BoolSlice BoolValue BoundAddr Broadcast BuildArgs BuildOnly BuildOpts BumpMajor BumpMinor
BumpPatch BusObject ByteOrder BytesHexP BytesSent CPUPeriod CPUShares CRTValues CacheFrom CacheKeys
CallSlice CanCgroup CanRemove CancelAll Cancelled CellAlign Character ChildrenW ChownOpts ClassList ClassTy
ClearData ClearFlag ClientCAs ClientTLS CloseConn CloseRead CloseSend Coalesced Collector Completed Configur
Conflicts ConnState Container Continued CountVarP CreateCRL CreatedAt CurryWith CurveName DBusError
DNSConfig DNSSuffix DataScope DebugData DecodeMsg DecoderOf Decrement DelayCorr DelayFrom DeleteAll
DeleteCAS DeleteLog DeviceIDs DeviceIdx DialCreds DidResume Discovery DiskUsage DotReader DownDelay
DportMask DriverCfg DstDriver DstMaster DstPrefix DualStack Duplicate DurationP DynString EachValue Eavesdrop
EmitInt32 EmitInt64 EnableICC EncapMode EncapType EncodeMsg EncoderOf EncryAlgo EndStream Endpoints
EraseLine ErrorCode EventChan EventFile EventLogs EventType Exception Exclusion Exclusive ExpiresAt Extension
ExtraData Extracted FastLeave FileLocks FillBytes FilterAdd FilterDel FindIndex FirstData FlagsUsed FlowBased
Forbidden ForceJoin FormValue Formatter FreeAlloc FreeBytes FreePageN FromBytes FromImage FromNames
FromSlash Frontends Ftruncate FullBytes FuncProto GTPPDPAdd GTPPDPDel GetAction GetBounds GetBucket
GetByBlob GetByName GetByType GetCached GetCallId GetConfig GetCustom GetDelete GetDetail GetDiffID
GetDigest GetDriver GetDryRun GetFields GetFilter GetFormat GetFrames GetGlobal GetHashes GetInitID GetInputs
GetIpPort GetJstype GetLabels GetLength GetLocale GetLogger GetMember GetMethod GetMetric GetMixins GetMk
GetMounts GetNodeID GetNumber GetObject GetOffset GetOldest GetOneofs GetPacked GetParent GetPlural
GetRanges GetRecord GetRemote GetResize GetResult GetRlimit GetSSHOpt GetScopes GetSecret GetSerial GetServ
GetShared GetSigned GetSocket GetSource GetSpanId GetSpread GetStatus GetStream GetString GetSyntax GetTarge
GetUint16 GetUint32 GetUint64 GetValues GetXattrs GitCommit GoVersion GobDecode GobEncode GroupName
GuestNice HTTPProxy HandleRPC Handshake HardState HasCaller HasParent HeapAlloc HeapInuse Heartbeat
HeightMin HelloTime Histogram HitLength HostsPath IDMapping IDToIndex IPAddress IPMaskVar IPNetVarP
IfAddrmsg IfInfomsg ImageName ImagePath InContext InOrStdin Inception Increment IndexType InitCheck InitLevel
Int16VarP Int32VarP Int64VarP IntSliceP Interface Intersect IpcMounts IsBuiltIn IsComplex IsDefault IsEnabled
IsExpired IsKeyword IsLearner IsLiteral IsManager IsMessage IsMounted IsOnCurve IsPacked3 IsPrivate IsProcess
IsRegular IsRunning IsSampled IsServing IsSuccess IsTimeout Isolation JoinGroup JoinToken KeepAlive KeepBytes
KeyPrefix KeyReader KeyUsages KeyWriter LGetxattr LSetxattr LabelKeys LastClock LastError LastIndex LatencyM
LazyPages LeafAlloc LeafInuse LeafPageN LeaseLife LightRedB LightRedF LinkAttrs LinkIndex LinkSetUp LinkStat
Linklayer ListFlags ListNodes ListTasks ListenTCP LoadCache LoadImage LocalAddr LocalNode Locator64 LockDel
LockIndex LogConfig LogFields LogFormat LogOutput Longitude LookupSRV LookupTXT MCacheSys MFASerial
MSAddress MakeSlice Manifests MarshalDB MarshalTo MatchRune MaxErrAge MaxTokens MaxTxRate MediaType
MessageID MiiStatus MinTxRate MmapFlags Modifiers MountOpts MountType Mountable MoveAfter MultiPath
Multiaddr Multicast MyAliases Namespace NeighList NetIPMask NetworkID NewSpanID NewStream NewTicker
NoService NodeCount NodeDeref NonceSize Normalize NotBefore NotifyMsg NumMethod NumQueued NumSubexp
OOMKilled OSVersion OldConfig OldSecret OnEvicted OpenStdin OperState Operation OrigError OutStream Overwr

PackEFace PadLength PageAlloc PageCount Paginator ParentKey ParseForm ParseGlob ParseName Partition PathCacl
Pdeathsig PeerEqual Phentsize PidsLimit Platforms Precision PrefixLen Prefixlen PrevExist PrevIndex PrevValue
PrintErrf ProcessID Processes ProjectID PromiseID ProtoSize Providers ProxyDial ProxyFunc PublicKey Publisher
PullImage PushFront PushImage PutObject PutUint16 PutUint32 PutUint64 QdiscList QdiscType Qualifier QuickSpan
RRsetUsed RaftState RatString RawIssuer RawQuotes Rcv_space ReadArray ReadBatch ReadBytes ReadFrame
ReadIndex ReadInt16 ReadInt32 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 ReadValue ReadWrite
Rebalance Reconnect Recursive Reference Registers Remaining RemoteAPI RemoteCAs RemoveAll RemoveKey
RenewLock RequestID Reserved1 ResetBody ResizePty ResolveIP ResolveOp Resources Resumable Retryable
ReusePort RootBlock RootToken RoundTrip RouteList RouteType RunConfig RxDropped RxPackets SCTPWrite
Sa_family SandboxID Sandboxes ScanState SecretKey SecretOpt SeenFiles Selectors SendToTCP SendToUDP Sensiti
Separator Serialize ServeBlob ServeConn ServeHTTP ServiceID SessionID SetBuffer SetConfig SetDiffID SetEvents
SetExited SetFormat SetFrac64 SetFramer SetHeader SetIndent SetInitID SetIssuer SetJumpOp SetLabels SetLinger
SetNoLock SetNotify SetOutput SetParent SetPolicy SetPrefix SetSource SetStatus SetString SetTaskId SetUint64
SetUpdate SetUpload SetUserId SetupFunc SharedKey Shentsize Shorthand Signature SingleRef SkipClean SkipSpace
SlaveType SliceType SlotTuple SnapshotD Snapshots SoftState SortByPos SortFlags SourceMap SourceOpt SourceSA
Specified SpillTime SplitKeys SportMask SqrtRatio SrcDriver StartCond StartLine StartSpan StartTime StartedAt
Starttime StdinOnce StdinPipe StopQuery StreamDep StringLen StringOff StringVar Subrouter Subscribe Subsystem
Successes SwapLimit SwapNamed SwapTotal TLSConfig TLSUnique TLSVerify TagAndAdd TagFilter TagImages
TarStream TarWriter TargetIdx Templates Temporary Terminate TimeNanos Timestamp TlsConfig ToCDNSKEY
ToFloat32 ToFloat64 ToRFC3597 ToSubject TokenCode TokenText TokenType Transform Transport TrapCause
Truncated TxDropped TxPackets TypeCheck Uint16Var Uint32Var Uint64Var Uint8VarP UintSlice UlimitOpt Underli
UnixMicro UnixMilli UnlockKey Unmarshal UnsafeCap UnsafeGet UnsafeNew UnsafeSet UntarPath UpdateKEK
UpdateTTL UpdatedAt UsageFunc UseNumber UseStderr UseStdout UserAgent UserEvent ValidArgs ValueElem
ValueSize ValueType Versioned VisitExpr VivaldiCC VivaldiCE VolumesRW WaitGroup WaitIndex WaitWrite
WalkIPAMs WalkLinks WalkTable WantReply WarningFn Warningln WatchTree Watchable WillRetry WithError
WithExtra WithField WithLease WithState WithValue WorkerRef WrapError WriteBool WriteByte WriteData WriteFi
WriteFlag WriteInt8 WriteIntf WriteMore WriteOnce WritePing WritePong WriteRune WriteTime WriteToIP WriteTru
WriteUint XXX_Merge X__unused/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerd

Found
in path(s):
*
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *func()
*v1alpha1.EndpointSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
*pkcs11._Ctype_CK_C_GetSlotInfo/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker
*pkcs11._Ctype_CK_C_GetSlotList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/docker *transport.userAgentRoundTripper *trustmanager.ErrPasswordInvalid
*v1.CephFSPersistentVolumeSource *v1.CinderPersistentVolumeSource *v1.MutatingWebhookConfiguration
*v1.SubjectAccessReviewInterface *v1alpha1.ClusterRoleBindingList *v1alpha1.EndpointSliceInterface
*v1alpha1.PriorityClassInterface *v1alpha1.SettingsV1alpha1Client *v1alpha1.VolumeAttachmentSource
*v1alpha1.VolumeAttachmentStatus *v1alpha3.ServiceConfigObjConfig *v1beta1.DaemonSetUpdateStrategy
*v1beta1.DeploymentConditionType
*v1beta1.ExtensionsV1beta1Client *v1beta1.NetworkPolicyEgressRule *v1beta1.NetworkingV1beta1Client
*v1beta1.PodDisruptionBudgetList *v1beta1.PodDisruptionBudgetSpec *v1beta1.PodManagementPolicyType

*v1beta1.ReplicaSetConditionType *v1beta1.RollingUpdateDeployment *v1beta1.SchedulingV1beta1Client *v1beta1.SelfSubjectAccessReview *v1beta1.StorageV1beta1Interface *v1beta1.SubjectAccessReviewSpec/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker"*func(*v1alpha1.EndpointSliceList)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker#*func() *v1alpha1.EndpointSliceList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker-*func(string) v1alpha1.EndpointSliceInterface/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker0*func(v1.ListOptions) (*v1.EndpointsList, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker:*func(v1.ListOptions) (*v1alpha1.EndpointSliceList, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker=*func(string, v1.GetOptions) (*v1alpha1.EndpointSlice, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker?*func(*v1alpha1.EndpointSlice) (*v1alpha1.EndpointSlice, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerS*func(string, types.PatchType, []uint8, ...string) (*v1alpha1.EndpointSlice, error)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerX*struct { Version int; P *big.Int; Q *big.Int; G *big.Int; Pub *big.Int; Priv *big.Int }

Found in path(s):
* *func(*v1alpha1.EndpointSlice)
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *uint64 *v1.Job *v1.Pod APIPath AbsPath Actions AddASN1 AddCert AddDate AddEnvf AddFlag AddFunc AddHook AddHost AddKeys AddMeta AddZone Address Aliases AsInt64 AsScale AuthURL BackOff Backoff BaseURL BatchV1 Binding BitSize Blksize BlockIO BoolVar Buckets BuildID ByIndex CMajFlt CMinFlt CPUPerc CPUTime C_Login CanAddr CapDr ChanDir Changed Changes Cluster Collect Command Comment Compare Compile Complex Conceal Configs Connec Consume Content Context Control Convert Cookies Counter Country Created Current CurveID DNSDone DNSName DebugFn DebugGC Debugln Decoder Decrypt Default Derived DestTag Destroy Details Devices DialTLS Disable D Display Elapsed EmitInt Enabled Encoded Encoder Encrypt EndTime ErrCode ErrorFn Errorln Example ExecIDs Ex Expired Expires Extract Fackets FatalFn Fatalln Feature Filters FindAll Float32 Float64 Flusher Fprintf GIDMaps Ga GetArgs GetBody GetBool GetByID GetCaps GetCert GetCode GetCols GetConn GetCopy GetData GetDest GetDon GetEnum GetExec GetExit GetFile GetFlow GetHead GetHelp GetHost GetInfo GetInit GetInt8 GetItem GetKey3 Ge GetLazy GetLine GetList GetLogs GetMeta GetMode GetName GetNode GetPath GetPeer GetPost GetRefs GetRole GetRoot GetRows GetSalt GetSlot GetSpan GetStat GetTags GetTask GetType GetUint GetUser GetWeak GetXRef GetYaml GotConn Handler HasNext HashAlg Headers HeapSys HomeDir HostKey Hrtimer IDPBES2 IPMaskP IPSli ISOWeek Ifindex ImageID Inblock Ingress InitPIN Inspect Int8Var IntVarP Inverse IpcMode IsBytes IsEmpty IsErro IsFloat IsInt64 IsTable IsTyped IsValid Iterate KdfName KdfOpts KeyData KeyFile Keytype Latency LazyLog Lead LikePtr LogName LogOpts LogPath Longest Lookups MakeMap Mallocs Manager MantExp MapKeys Marshal Matc MaxBits MemPerc Message Methods Metrics Migrate MinPrec MinTime Minutes Mirrors Missing ModSqrt ModTim NamePos Network NewDesc NoCache NoProxy NoTrunc NonUTF8 NumKeys Objects Observe OldNode OldTask OnBuild OnError OpenRaw Options OrigErr Oublock Outputs PanicFn Panicln ParseFS PauseNs Payload Pending Pe PidMode PkgPath Pkttype Plugins Pointer PostRun PreRunE PrintFn Println Private Process Publish Queries RLocke RLocker RUnlock RWMutex RawPath RawRead Rcv_mss Rcv_rtt ReadAny ReadBit ReadDir ReadInt ReadMsg Rea ReadOne ReadVal Readdir RecvMsg RefName RefType Referer Release Replace Request Reserve Resolve Restore R RootCAs RoundUp Running ScaleBy Schemes Seconds Secrets SendMsg Service Session SetArgs SetBits SetBool S

SetFrac SetKind SetMeta SetMode SetName SetPrec SetTree SetType SetUint Setctty Setpgid Setting ShmSize Shuff
Signbit Signers Snd_mss Sockets SoftIRQ Sprintf Started StdTime Stopped Storage Streams StringP SubConn Subjec
Success Syscall TCPInfo TLSData TLSInfo TLSPath TagConn TagName Targets Tasklet Timeout ToArray ToInput
ToInt32 ToInt64 ToNames ToProto TraceFn Traceln Trailer TryLock TryRecv TrySend UIDMaps URLHost URLPat
UTCTime UTSMode Uint16P Uint32P Uint64P UintVar Ulimits Unacked Unknown Unwrite UseLine Verbose Versi
Volumes Warning WasIdle Weekday Witness WrapKey Wrapped WriteAt WriteTo Written X__pad0 YearDay Yellow
YellowF/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *v1.pods
Absolute AddBytes AddError AddFloat AddFuncs AddMount AddPaths AddUint8 AddValue Allocate AsObject Audi
AuthInfo AuthType BaseRole Binomial BoolVarP Boundary Buffered BytesHex CPUQuota CSINodes C_Digest
C_Logout C_SetPIN C_Verify Ca_state CalledAs CancelAt CapNames CastType CertData CertFile CertType CheckT
Checksum ChownOpt ClientID CloseAll CmpInt64 Commands Comments Complete Compress ConfigID Conflict
ConnPool Contains Contents Continue CopyFrom CopyList CopyPipe CoreDump CountVar Creation CronJobs Cross
DNSNames DNSStart DataLoss DataSize Deadline DeepCopy DefValue DefaultB DefaultF Describe DevMajor
DevMinor Devmajor Devminor DiffCopy Digester Disabled Document Duration ElseList EmitBool EnableGC Encircl
Endpoint ErrorLog EventNum Examples Exchange Excludes ExecuteC ExitCode ExitFunc Expanded Expected FTPPr
FailFast Failures Familiar Families FieldMap FileInfo FileLine FileName FilePath Filename Finalize Float32P Float64
Flowinfo FormFile FormName Fprintln Fragment Function GetAllOf GetAttrs GetBegin GetBuild GetByKey GetCach
GetCount GetCtype GetEmail GetEntry GetError GetField GetFinal GetGauge GetGroup GetIPNet GetInUse GetIndex
GetInfos GetInput GetInt16 GetInt32 GetInt64 GetItems GetLabel GetLevel GetLinks GetMajor GetMinor GetMkdir
GetMount GetNanos GetOneof GetOwner GetPatch GetPaths GetRange GetRealm GetRoute GetScale GetSize_ GetSi
GetSlice GetStart GetState GetStore GetTitle GetToken GetTotal GetUint8 GetValue GoString GroupAdd GroupIds
HasAlias HasFired HasFlags HasSwarm HashFunc HeapIdle HelpFunc Hijacker HostOnly HostPort Hostname HttpOn
IDPBKDF2 IPNetVar IPSliceP IdleTime ImageTag InUserNS Indirect Inherits InitRoot Insecure Int16Var Int32Var
Int64Var Int8VarP IntSlice IntValue Internal IsAlways IsAssign IsBridge IsClient IsClosed IsFormat IsHyperV IsLoad
IsNormal IsPacked IsProto3 IsPseudo IsScalar IsSecure IsStream IsString IsUint64 JSONName KeyBytes KeyUsage
LengthOf LinkName Linkname ListFunc ListKeys ListMeta ListOpts Listener LoadJSON Locality Location LogEvent
LogLevel LookupIP LookupMX LookupNS MSpanSys MagentaB MagentaF Manifest MapIndex MapRange MarkDea
MatchErr MaxDepth MemTotal MemUsage Metadata Modified MulRange Multiply Negative Networks NewGauge
NewRoute NewTimer NextLine NextPart NoLchown NodeAddr NodeList NodeType NotAfter NotFound NotifyCb
Nsignals NumField NumberGT NumberLT Official OnDelete OnStatus OnUpdate Operator Optional OrigName Other
Overhead Overline ParseAll ParseErr Password Patterns PauseEnd PeerAddr Platform Position Possible PostForm
PostRunE Pow22523 PreferGo PrintErr Priority Protocol Province ProxyEnv ProxyGet PushBack PusherID Question
QuoExact QuoRound RGB3BitB RGB3BitF RGB8BitB RGB8BitF RandBool RawQuery RawWrite ReadBits ReadBo
ReadByte ReadFile ReadForm ReadFrom ReadInt8 ReadLine ReadRune ReadUint ReadySCs RealSize RecvTime
Redacted Register Registry Repeated Replicas RepoInfo RepoName RepoTags Requests Required ReserveN Reserved
Resolver Resource Response Restrict RoleName Rollback RootPair RootRole Runnable Runtimes SameSite Scope_id
ScrollUp SecretID Security SentTime ServeTLS ServerOK Services SetBurst SetBytes SetEDNS0 SetError SetFlags
SetFloat SetIndex SetInt64 SetLevel SetLimit SetMilli SetMulti SetScale SetValue Severity Shutdown SignCert SignI
SignRoot Signaled Simplify Snapshot Snd_cwnd SortKeys SpewKeys Sprintln StackAPI StackSys Statuses StreamID
SubChans Subjects Subtract Supports SysUsage TaskList TaskLogs Template Throttle ToSigned ToString ToUint32
ToUint64 TokenURL TrailCCC Traverse Truncate TryRLock TypeFlag TypeMeta Typeflag Uint8Var UintVarP
UnixNano Unparsed Unscaled UserName UserTime Username Validate Validity Verified Verifier Vertexes VisitAll
Warningf Warnings WireType WithArgs WithKind WithTime WriteInt WriteMsg WriteNil WriteOne WriteRaw Write
XXX_Size/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *v1.roles
*zip.File AResource AcceptTCP AddCookie AddGoFlag AddObject AddSchema AddTarget AddUint16 AddUint24
AddUint32 Addresses Algorithm AllowHTTP Anonymous AuthStyle Authority Available BasicAuth BeginTime
BitLength BitString BlinkSlow BlockRead BlockSize BoolSlice BoundAddr Broadcast BuildArgs BuildOnly BytesHex

BytesSent CPUPeriod CPUShares CRTValues C_Decrypt C_Encrypt C_GetInfo C_InitPIN C_WrapKey CacheFrom CacheType CallSlice Cancelled CertBytes ChownOpts ClientCAs CloseConn CloseRead CloseSend Coalesced Comple ConfigDir ConnState Container Continued Converter CountVarP CreateCRL CreatedAt CreatedBy CurryWith DebugD DecoderOf DeepEqual DelayFrom DeriveKey DeviceIDs DialCreds DidResume DigestKey Discovery DiskUsage DotReader DualStack DurationP EmitInt32 EmitInt64 EncoderOf EncryAlgo EndStream Endpoints EqualTime EraseLi ErrStatus ErrorCode EventLogs Evictions Exclusion Exclusive Extension FieldsMap FillBytes FindIndex Forbidden FormValue Formatter FoundKeys FromBytes FromNames Ftruncate FullBytes GetAction GetBucket GetByName GetCached GetCallId GetConfig GetCustom GetDelete GetDetail GetDigest GetFields GetFilter GetFormat GetFrames GetGlobal GetInputs GetIpPort GetJstype GetLabels GetLength GetLocale GetLogger GetMethod GetMetric GetMixin GetMkfile GetMounts GetNodeID GetNumber GetObject GetOffset GetOneofs GetPacked GetParent GetPrefix GetRanges GetRecord GetRemote GetResize GetResult GetRlimit GetSSHOpt GetSchema GetScopes GetSecret GetServer GetShared GetSigned GetSocket GetSource GetSpread GetStatus GetStream GetString GetSuffix GetSyntax GetTarget GetUint16 GetUint32 GetUint64 GetValues GetXattrs GitCommit GoVersion GobDecode GobEncode GroupKind GroupName GuestNice HTTPProxy HandleRPC Handshake HasCaller HasParent HasSynced HeapAlloc HeapInuse Histogram HostsPath IPAddress IPMaskVar IPNetVarP ImageList ImageLoad ImagePull ImagePush ImageSave InOrStdin Increment IndexKeys Ingresses InitLevel InitToken InlineMap Int16VarP Int32VarP Int64VarP IntSliceP Intensity Interface Interpret IsComplex IsDefault IsInvalid IsKeyword IsLiteral IsMessage IsOnCurve IsPack IsPrivate IsProcess IsRegular IsTimeout Isolation JoinToken KeepAlive KeyUsages LastError LatencyMu LightRedB LightRedF ListFiles ListRoles LocalAddr LogConfig LogFields LookupEnv LookupSRV LookupTXT MCacheSys MakeSlice Manifests MarshalTo MatchRune MaxErrAge MaxPinLen MaxTokens Mechanism MediaType MinPinLen Modifiers MountBlob MoveAfter Multiaddr MustBeOfA Namespace NetworkID NetworkRx NetworkTx NewStream NewTicker NilChance NoResolve NonceSize NotBefore NumMethod NumSubexp NumberGTE NumberLTE NumberNot OOMKilled OSVersion OldConfig OldSecret OmitEmpty OpenStdin Overwrite PackEFace PadLength Parameter ParseForm ParseGlob ParseName Pdeathsig PidsLimit Platforms PluginSet Precision PrefixLen PrintErrf ProjectID PromiseID ProtoSize ProtoTime ProxyDial ProxyFunc PublicKey PushFront PutUint16 PutUint32 PutUint64 QuickSpan RatString RawConfig RawIssuer Rcv_space ReadArray ReadBytes ReadFrame ReadInt16 ReadInt32 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 Reference RemoteRef RemoveAll RemoveKey Resources RotateKey RoundTrip SandboxID ScanState SeenFiles Sensitive ServeBlob ServeConn ServeHTTP ServerURL SessionID SetBuffer SetFormat SetFrac64 SetHeader SetIndent SetLabels SetLinger SetLogger SetNoLock SetOutput SetPrefix SetScaled SetString SetUint64 SharedKey Shorthand SignFinal Signature SignedTag SkipClean SkipSpace SortFlags SourceMap Specified SqrtRatio StarCount StartCond StartLine StartSpan StartTime StartedAt Starttime StdinOnce StdinPipe StorageV1 StreamDep StringGTE StringLTE StringVar Subrouter Successes SwapLimit SwarmIn SwarmJoin TLSConfig TLSStatus TLSUnique TLSVerify TarStream TarWriter Templates Temporary Threshold Timestamp ToFloat32 ToFloat64 ToNewRole ToRawInfo ToService TokenText TokenType Transform Transport TrapCause Truncated TryAccept TypeCheck Uint16Var Uint32Var Uint64Var Uint8VarP UintSlice Underline UnixMi UnixMilli UnlockKey Unmarshal UnsafeCap UnsafeGet UnsafeNew UnsafeSet UnwrapKey UpdatedAt UsageFunc UseNumber UserAgent ValidArgs ValueElem ValueType Versioned WaitWrite WarningFn Warningln WatchFunc WithError WithExtra WithField WithState WithValue WrapError WriteBool WriteByte WriteData WriteInt8 WriteMor WriteOnce WritePing WriteRune WriteToIP WriteTrue WriteUint XXX_Merge X__unused/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found
in path(s):
* When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processedIf the Labels of a ReplicaSet are empty, they are defaulted to be the same as the Pod(s) that the ReplicaSet manages. Standard object's metadata. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#metadataExternalMetricSource indicates how to scale on a metric not associated

with any Kubernetes object (for example length of queue in cloud messaging service, or QPS from loadbalancer running outside of cluster). Exactly one "target" type should be set.APIVersion defines the version of this resource that this field set applies to. The format is "group/version" just
like the top-level APIVersion field. It is necessary to track the version of a field set because it cannot be automatically converted.Template is the object that describes the pod that will be created if insufficient replicas are detected. This takes precedence over a TemplateRef. More info:
https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#pod-templateIf specified, the port on the given protocol. This can either be a numerical or named port on a pod. If this field is not provided, this matches all port names and numbers. If present, only traffic on the specified protocol AND port will be matched.externalName is the external reference that kubedns or equivalent will return as a CNAME record for this service. No proxying will be involved. Must be a valid RFC-1123 hostname (https://tools.ietf.org/html/rfc1123) and requires Type to be ExternalName.Replicas is the number of desired replicas. This is a pointer to distinguish between explicit zero and unspecified.
Defaults to 1. More info: https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#what-is-a-replicationcontrollerallowedCapabilities is a list of capabilities that can be requested to add to the container. Capabilities in this field may be added at the pod author's discretion. You must not list a capability in both allowedCapabilities and requiredDropCapabilities.Replicas is the number of desired replicas. This is a pointer to distinguish between explicit zero and unspecified. Defaults to 1. More info:
https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller/#what-is-a-replicationcontrollerrevisionHistoryLimit is the maximum number of revisions that will be maintained in the StatefulSet's revision history. The revision history consists of all revisions not represented by a currently applied StatefulSetSpec version. The default value is 10.The GID to run the entrypoint of the container process. Uses runtime default if unset. May also be
set in SecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence for that container.PreemptionPolicy is the Policy for preempting pods with lower priority. One of Never, PreemptLowerPriority. Defaults to PreemptLowerPriority if unset. This field is alpha-level and is only honored by servers that enable the NonPreemptingPriority feature.Must be empty before the object is deleted from the registry. Each entry is an identifier for the responsible component that will remove the entry from the list. If the deletionTimestamp of the object is non-nil, entries in this list can only be removed.allowedRuntimeClassNames is a whitelist of RuntimeClass names that may be specified on a pod. A value of "*" means that any RuntimeClass name is allowed, and must be the only item in the list. An empty list requires the RuntimeClassName field to be unset.MutatingWebhookConfiguration describes the configuration of and admission webhook
that accept or reject and may change the object. Deprecated in v1.16, planned for removal in v1.19. Use admissionregistration.k8s.io/v1 MutatingWebhookConfiguration instead.singularName is the singular name of the resource. This allows clients to handle plural and singular opaquely. The singularName is more correct for reporting status on a single item and both singular and plural are allowed from the kubectl CLI interface.matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.The name of the cluster which the object belongs to. This is used to distinguish resources with same name and namespace in different clusters. This field is not set anywhere right now and apiserver is going to ignore it if set in create or update request.Active reports the checkpointed config the node is actively
using. Active will represent either the current version of the Assigned config, or the current LastKnownGood config, depending on whether attempting to use the Assigned config results in an error.
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr *uintptr *url.URL

Absolute AddBytes AddUint8 AddValue AuthInfo AuthType Binomial Buffered ByNumber BytesPtr Ca_state CacheD
CapNames CastType Category Commands Compiled Compress ConnPool Constant Contains CopyFrom CopyList
CopyPipe CoreDump CountFds DNSNames DNSStart Deadline DefValue DevMajor DevMinor Devmajor Devminor
Digester DoneFunc Duration ElseList EncodeTo Encoding Endpoint EventNum ExitCode ExitFunc ExitIdle ExitTime
Expanded Expected Exporter Extendee FailFast Familiar Families FieldMap FileInfo FileLine FileName FilePath File
Filename FindType Flowinfo Footnote FormFile FormName Fragment FullName Function GetArray GetBegin GetCty
GetEntry GetField GetImage GetLabel GetLevel GetLinks GetLinux GetNanos GetOwner GetPaths GetStart GetState
GetUsage GetValue GoString GroupIds HasFired HashFunc HelpName HideHelp Hostname HttpOnly IdleTime InitJS
Instance Int32Ptr Int64Ptr Int64Var IntSlice IsAssign IsClient IsFenced IsHeader IsNormal IsPacked IsPinned IsProto3
IsPseudo IsPublic IsScalar IsStream IsString IsUint64 JSONName KeyUsage KindFlag LDConfig LinkData LinkName
Linkname ListData ListPids Listener Locality Location LookupIP LookupMX LookupNS MapIndex MapRange MapV
MarkDead MaxDelay Messages Metadata MulRange Multiply Networks NewChild NewField NewValue NextPart
NodeType NotAfter Nsignals NumEnums NumField NumFiles NumFlags Optional OrigName OutTable Overhead
Password PeerAddr Platform Position PostForm Pow22523 PreferGo Priority Protocol Province PushBack Question
RawQuery RawWrite ReadByte ReadForm ReadFrom ReadLine ReadRune ReaderAt ReadySCs RealSize RecvTime
Redacted Register Repeated RepoTags Required Requires Resolver Response Revision RunCount SPIFFEID SameSite
Scope_id Sections Security SentTime Sequence Services SetALUOp SetBytes SetEDNS0 SetError SetFlags SetFloat
SetInt64 SetLabel SetLevel SetValue Severity Shstrndx Shutdown Signaled Simplify SizeType Snapshot Snd_cwnd
StreamID SubChans Subjects Subtract SysUsage TableLog Terminal TextName TrailCCC Truncate TypeFlag TypeNa
Typeflag UnixConn UnixNano Unparsed UseBlock UseProxy UserName UserTime Username Validate Verified Verif
VisitAll Warningf WireType WithArgs WithTime WriteInt WriteMsg
XXX_Size/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcsync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(*Context).GlobalIntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runctype..eq.github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSliceFlag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow.dwrap.3/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgithub.com/opencontainers/runc/libcontainer/cgroups/systemd.(*unifiedManager).getSliceFull/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(*Context).IntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgithub.com/opencontainers/runc/vendor/github.com/urfave/cli.(*Context).GlobalIntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runctype..eq.github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSliceFlag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcruntime.convTslice.stkobj/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcgithub.com/opencontainers/runc/libcontainer/cgroups/systemd.(*unifiedManager).getSliceFull.stkobj/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
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tgz/docker/runcgithub.com/opencontainers/runc/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow.stkobj/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgo.itab.*github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSlice,flag.Value/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/runcgo.itab.github.com/opencontainers/runc/vendor/github.com/urfave/cli.IntSliceFlag,github.com/opencontainers/runc/vendor/github.com/urfave/cli.Flag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runcgo.itab.sort.IntSlice,sort.Interface

Found
in path(s):
* (?i)^(?:<[A-Za-z][A-Za-z0-9-]*(?:\s+[a-zA-Z_:][a-zA-Z0-9:._-]*(?:\s*=\s*(?:[^'"=<>`\x00-\x20]+|'[^']*'|"[^"]*"))?)*\s*/?>|</[A-Za-z][A-Za-z0-9-]*\s*[>]|<!---->|<!--(?:-?[^>-])(?:-?[^-])*-->|[<][?].*?[?][>]|<![A-Z]+\s+[^>]*>|<!\[CDATA\[[\s\S]*?\]\]>)

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* WriteUint8
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
readPacketsLeft/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
writePacketsLeft/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
*timeseries.tsLevel *tls.ClientAuthType/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd *pflag.intSliceValue *pkcs7.EncryptedData *plugin.EventDisable
*plugin.Registration/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
*pflag.uintSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd
*[]*timeseries.tsLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* msg:"time" TimestampFormat TruncationToken TxAbortedErrors TxCarrierErrors UnknownResource UnmarshalBinary UnmarshalJSONPB UnmarshalStream UnmountIpcMount UnregisterBuild UnsafeMakeSlice UnsignedPayload UpdateAddresses UpdateContainer UpdateResources UpdateTLSConfig UserOnCloseWait ValidPrincipals VerifySignature VersionTemplate VisitInt64Value VivaldiErrorMax Volume json:"-" Wait100Continue WalkIDsByResult WithConstLabels WithCredentials WithImageConfig WithLabelValues WriteArrayStart WriteBufferSize WriteComplex128 WriteDataPadded WriteEmptyArray WriteHostConfig WriteLogEntries WriteMapStrIntf X509Certificate XXX_MessageName XfrmPolicyFlush XfrmStateUpdate
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker*struct { F uintptr; done chan struct {}; ctx context.Context; pr *progress.progressReader }
AggregationRuleLjson:"aggregationRule,omitempty" protobuf:"bytes,3,opt,name=aggregationRule"
ConfigMapKeyRefLjson:"configMapKeyRef,omitempty" protobuf:"bytes,3,opt,name=configMapKeyRef"
CurrentRevisionLjson:"currentRevision,omitempty" protobuf:"bytes,6,opt,name=currentRevision"
DaemonEndpointsLjson:"daemonEndpoints,omitempty" protobuf:"bytes,6,opt,name=daemonEndpoints"

Found in path(s):
* SourceIndexLprotobuf:"varint,1,opt,name=sourceIndex,proto3" json:"sourceIndex,omitempty"
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerr*struct { F uintptr; requestOver chan struct {}; ht *transport.serverHandlerTransport; cancel context.CancelFunc }

Found in path(s):
* VXLANUDPPortOprotobuf:"varint,13,opt,name=VXLANUDPPort,proto3" json:"VXLANUDPPort,omitempty"
VolumeNamespaceLjson:"volumeNamespace,omitempty" protobuf:"bytes,2,opt,name=volumeNamespace"
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* XXX_Marshal
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*channelz.channel *cipher.BlockMode *cli.IntSliceFlag
*cli.RequiredFlag/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*unix.nopResolver *utilities.OpCode *v1.AttachRequest *v1.ConfigMapList *v1.ContainerPort *v1.CreateOptions
*v1.DeleteOptions *v1.EndpointsList *v1.EnvFromSource *v1.FinalizerName *v1.GroupResource
*v1.HTTPGetAction *v1.HugepageLimit *v1.InternalEvent *v1.LabelSelector *v1.ListInterface *v1.NamespaceList
*v1.NamespaceMode *v1.NamespaceSpec *v1.NetworkConfig *v1.NodeCondition *v1.NodeResources
*v1.PodLogOptions *v1.Preconditions *v1.ProcMountType *v1.ResourceQuota *v1.ResourceSpans *v1.RestartPolicy
*v1.RuntimeConfig *v1.RuntimeStatus *v1.SELinuxOption *v1.ScopeSelector *v1.ServiceStatus *v1.Span_SpanKind
*v1.StatusDetails *v1.StatusRequest *v1.StorageMedium
*v1.UpdateOptions/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
*timeseries.tsLevel *tls.ClientAuthType/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd *pflag.intSliceValue *pkcs11.ObjectHandle
*pkcs11.Pkcs11Config/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd *pflag.uintSliceValue
*pkcs11.Pkcs11KeyFile/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/containerd *[]*timeseries.tsLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-
17-tgz/docker/containerd *func(*v1.EndpointsList)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-
20-10-17-tgz/docker/containerd *func()
*v1.EndpointsList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

Found in path(s):
*
yaml:"uri" VerifiedChains VerifyHostname VersionService WalkStatusRefs WithTraceFlags WithTraceState
WriteObjectEnd WriteRSTStream XXX_OneofFuncs XmitHashPolicy ZlibWriterPool
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-
tgz/docker/dockerdalpha;amacr;amalg;angle;angrt;angst;anyoneaogon;arcnetaring;asymp;athenaatildeattachaustinau
thoravx512awint;aws-cnbackupbanachbanzaibartikbasic
bcong;bdquo;bearerbeaverbeforebepsi;bhabhabinaryblank;blk12;blk14;blk34;blkio.blobs/block;boltdbborderboringb
oumanboxDL;boxDR;boxDl;boxDr;boxHD;boxHU;boxHd;boxHu;boxUL;boxUR;boxUl;boxUr;boxVH;boxVL;box
VR;boxVh;boxVl;boxVr;boxdL;boxdR;boxdl;boxdr;boxhD;boxhU;boxhd;boxhu;boxuL;boxuR;boxul;boxur;boxvH
;boxvL;boxvR;boxvh;boxvl;boxvr;branchbreve;bridgebrvbarbsemi;bsime;bsolb;bumpE;bumpe;bundleca.pemcache-
cache.cachedcalloccannoncapgetcapsetcaret;caron;carsoncarverccaps;ccedilccirc;ccups;cedil;cgroupchan<-
check;chrootclarkecleverclientclone3closedcloud9clubs;coldencolon;comma;commitconfigconsulcookiecoordscpus
etcramfscrankycrarr;createcross;cslip6csube;csupe;ctdot;ctrl-@ctrl-[ctrl-\ctrl-]ctrl-^ctrl-_ctrl-actrl-bctrl-cctrl-dctrl-
ectrl-fctrl-gctrl-hctrl-ictrl-jctrl-kctrl-lctrl-mctrl-nctrl-octrl-pctrl-qctrl-rctrl-sctrl-tctrl-uctrl-vctrl-wctrl-xctrl-yctrl-
zcuepr;cuesc;cupor;currancurrencustomcuvee;cuwed;cwint;daemondaggerdarwindashv;db.tmpdblac;ddarr;definedel

etedelim(delta;detachdevicedevptsdharl;dharr;dhawandiams;diffiedigestdir
indisin;dividedockerdomaindoteq;doubledreamydriverdtdot;dtrif;duarr;duhar;eDDot;eacuteeasleyecirc;econetedison
eetherefDot;efenceegraveelatedemacr;empty empty;enableengineeogon;eplus;epsiv;eqsim;equiv;erDot;erarr;errno
errorsescapeesdot;euclideventsexec:
execIDexecveexist;existsexitedexpectexportexposeexpreffailedfamilyfcfb10fcfb11fcfb12fchdirfchmodfchownferma
tfflig;field
filig;filterfjlig;fllig;fltns;folderfollowforallforkv;fownerfrac12frac14frac34frasl;frostyfrown;frozenfsetidfsopenfspic
kgaloisgamma;gcirc;gcloudgescc;getACLgetcpugetcwdgetentgetgidgetpidgetsidgettidgetuidgiftedgimel;git://globalg
neqq;gnsim;golickgophergossipgrave;gretapgrpclbgsime;gsiml;gtcir;gtdot;hangupharrw;hcirc;headerhealthheartshei
ghthelliphiddenhoarr;hooverhopperhungryhyperviacuteicirc;iexcl;ifNameignoreigraveiif
%diif %siiint;iiota;ijlig;imacr;image;imath;imped;importindex-infin;ingestinlineinp-
%dinuse_iogon;iopermip+netip/ddpip6greip6tnlipMaskiprod;ipvlaniquestisinE;isins;isinv;iukcy;jcirc;jepsenjmath;jo
liotjovialjsCtx(jukcy;kappa;kellerkeplerkernelkilledlAarr;lBarr;label!label:label=labelslamarrlambdalangd;laquo;larr
b;lates;latestlayer-layer2layerslbarr;lbbrk;lbrke;lceil;lchmodlchownldquo;leaderleakedleakeyleave

Found in path(s):
* [0m [6n] =]
n=^%s$_sum_tagacE;acctacd;acy;addraddsafr;allgallpaltsamp;and;ang;anonapE;ape;aposarchasn1ast;aufsaumlautha
vx2ax25basebcy;beetbellbenzbetabfr;bindbitsblobbmi1bmi2bne;bodybohrboldbondboolborgbosebot;boydbuckbullb
usybytecallcap
cap;cas1cas2cas3cas4cas5cas6caseceilcentcerfcfr;chanchi;cir;circcitecodecolscompcongcoolcopycorecoricpu.cpuscr
aycroncup;dArrdarrdatadatedbusdcy;deaddef=deg;dfr;dialdie;diffdiskdiv;dlcidonedot;downdropdup2dup3eEpPecho
ecy;efr;egs;elf.ell;els;elseemspeng;enspepicermseta;etagetcdeth;eumleuroexecexitexprf2fsfailfastfcalfcplfcppfcy;fdd
iffr;fifofilefipsfnofforkformfradfreefromftpsfuncfusegEl;gRPCgactgap;gcclgcy;gel;gelfgeq;ges;gfr;ggg;git@glE;gla;
glj;gluegnE;gne;goodgotogpfsgrpcgziphArrharrhashhdlcheadheaphelphfr;hfschighhosthourhrefhtmlhttpi386icmpico
nicy;id==idleiff;ifr;igmpinfoinitint8int;intsiopliotaipipipv4ipv6irdaisinitabiumljangjcy;jfr;joinjsonjumpkarekcmpkcy
;keenkernkey:keyskfr;killkindkmemlArrlEg;langlap;lapblarrlastlat;lcy;leafleftleg;leq;les;lfr;lgE;linklistlnE;lne;loadl
ogsloopploz;lrm;lsh;macrmailmandmap;map[mcy;mdnsmemsmetamfr;mho;mid;mmapmobymodempolmsgsnGg;nLl;
namenap;nashnbspncy;newsnextnfr;ngE;nge;ngt;nicenis;niv;nlE;nle;nlt;nodenonenot;notenpr;nsc;nsubnullnum;ocy;
ofr;ogt;ohm;oidcolt;openord;ordfordmorv;oumlpar;paraparepartpasspathpcy;perppfr;phi;pidspikepingpipepiv;pollpo
p3portpostprE;pre;prioprocprodprofproppsi;pullpushqfr;qldbquitquotrArrraftrangrarrrcy;rdmareadrealrecvreg;repore
sprfr;rho;riderlm;rolerootroserowsrpadrseqrsh;runcs390s3v4sahasavesbrkscE;sce;sctpscy;sdotsectseeksendsentserfsf
r;shawshotshy;sim;sinksizeskipslabslipslotslowsmt;smtpsnapsocksol;sortspanspecsqu;sse2sse3statstepstmtstopsub;s
ubesuidsum;sup1sup2sup3sup;supesynctag:tagstailtar-tar
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* XfrmStateGet
* requestsLock
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim-runc-v2
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* formatSlice
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *tuf.repoBuilder *types.BoolValue *types.Container *types.DiskUsage *types.EnumValue *types.FieldMask *types.HostsList *types.ListValue *types.NullValue *types.PatchType *types.PidsStats *types.Placement *types.PluginEnv *types.Resources *types.StatsJSON *types.Timestamp *types.UnitBytes *unicode.Range16 *unicode.Range32 *url.EscapeError/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *utils.pbkdf2Encs *v1.BatchV1Client *v1.ConfigMapList *v1.ContainerPort *v1.CreateOptions *v1.DaemonSetList *v1.DaemonSetSpec *v1.DeleteOptions *v1.EndpointsList *v1.EnvFromSource *v1.ExportOptions *v1.FinalizerName *v1.GroupResource *v1.HTTPGetAction *v1.InternalEvent *v1.LabelSelector *v1.ListInterface *v1.NamedAuthInfo *v1.NamespaceList *v1.NamespaceSpec *v1.NetworkPolicy *v1.NodeCondition *v1.NodeInterface *v1.NodeResources *v1.OperationType *v1.PodLogOptions *v1.Preconditions *v1.PriorityClass *v1.ProcMountType *v1.ResourceQuota *v1.RestartPolicy *v1.RoleInterface *v1.ScopeSelector *v1.ServiceStatus *v1.StatusDetails *v1.StorageMedium *v1.UpdateOptions *v1alpha1.RoleRef *v1alpha1.Subject *v1alpha1.Webhook *v1beta1.Eviction *v1beta1.KeyUsage *v1beta1.Overhead *v1beta1.RoleList *v1beta1.UserInfo/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *timeseries.tsLevel *tls.ClientAuthType/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *pflag.intSliceValue *pkcs11.ObjectHandle/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *pflag.uintSliceValue *pkcs11.MechanismInfo *pkcs11.SessionHandle *pkix.CertificateList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *[]*timeseries.tsLevel/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *swarm.ipNetSliceValue *syscall.SockaddrInet4 *syscall.SockaddrInet6/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *v1.controllerRevisions *v1alpha1.AuditSinkList *v1alpha1.AuditSinkSpec *v1alpha1.EndpointSlice *v1alpha1.PodPresetList *v1alpha1.PodPresetSpec *v1alpha1.PriorityClass *v1alpha1.RoleInterface *v1alpha3.RestartPolicy *v1alpha3.ServiceConfig *v1beta1.DeploymentList *v1beta1.DeploymentSpec *v1beta1.EventInterface *v1beta1.ExecCredential *v1beta1.IngressBackend *v1beta1.LeaseInterface *v1beta1.ReplicaSetList *v1beta1.ReplicaSetSpec *v1beta1.RollbackConfig *v1beta1.StackInterface/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *func(*v1.EndpointsList)/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *v1alpha1.endpointSlices/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *[]v1alpha1.EndpointSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *func() *v1.EndpointsList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *v1.selfSubjectRulesReviews *v1alpha1.EndpointSliceList *v1alpha1.PriorityClassList/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found in path(s):
* ssh:"rest" RestoreTerminal RetryThrottling RollbackMonitor SecurityOptions SecurityVersion ServerHandshake ServerResources ServiceAccounts SetGenerateName SetHelpTemplate SetInterspersed SetMkfileOption SetPluginConfig SetReadDeadline SetRefreshToken SetReportCaller SetSendCompress ShorthandLookup

SignRecoverInit SlotDescription SourceLocations StorageV1alpha1 StringArrayVarP StringSliceVarP StringToIntVarP StringToStringP SupportedCurves SupportedPoints SupportedProtos TLSClientConfig TimestampFormat ToRestartPolicy TransportConfig TryRLockContext TypeCastMapping UnknownResource UnmarshalBinary UnmarshalJSONPB UnsafeMakeSlice UpdateAddresses UpdateOnFailure UpdateTimestamp ValidPrincipals VersionTemplate VersionedParams Wait100Continue WithConstLabels WithConversions WithImageConfig WithLabelValues WriteArrayStart WriteBufferSize WriteDataPadded WriteEmptyArray XXX_MessageName
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr *sha512.digest *snapshots.Opt *sort.IntSlice *specs.Process *specs.Solaris *specs.VMImage *specs.Windows/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr *zstd.fseState AbsolutePrefix AddASN1Boolean AddASN1UTCTime AddMatchSignal AddNetworkList AllAdditionals AllAuthorities AppendFullName ApplyWithError AuthorityKeyId AuthorizerOpts BalancerConfig BoundaryBefore BreakWithError CallsSucceeded CapabilityArgs ChannelzMetric CheckSignature CloseWithError CombinedOutput CommonAuthInfo CompareAndSwap ContentSubtype ConvertSchema1 Cwd

Found in path(s):
* *content.Jobs
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc *chan<- os.Signal *cli.DurationFlag *cli.IntSliceFlag *cli.RequiredFlag *configs.HookList *configs.HookName *configs.IntelRdt *configs.Operator/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc(...)

Found in path(s):
* json:"uid" UnmarshalState XmitHashPolicy
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/runc

Found in path(s):
* getSliceFull
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/ctr
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* *snapshots.snapshotsListClient
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker

Found in path(s):
* XORKeyStream

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

alpha;alwaysamacr;amalg;angle;angrt;angst;aogon;appendarcnetaring;asymp;atildeattachavx512awint;backupbcong;bdquo;bearerbepsi;betterblank;blk12;blk14;blk34;blkio.blobs/block;bootIDborderboxDL;boxDR;boxDl;boxDr;boxHD;boxHU;boxHd;boxHu;boxUL;boxUR;boxUl;boxUr;boxVH;boxVL;boxVR;boxVh;boxVl;boxVr;boxdL;boxdR;boxdl;boxdr;boxhD;boxhU;boxhd;boxhu;boxuL;boxuR;boxul;boxur;boxvH;boxvL;boxvR;boxvh;boxvl;boxvr;branchbreve;bridgebrvbarbsemi;bsime;bsolb;bumpE;bumpe;bundlecallercalloccanvascapgetcapsetcaret;caron;causesccaps;ccedilccirc;ccups;cedil;centercephfscgroupchan<-
check;chrootcinderclientclone3closedclubs;colon;comma;commitconfigcookiecoordscpusetcrarr;createcross;cslip6csube;csupe;ctdot;cuepr;cuesc;cupor;currencuvee;cuwed;cwint;daggerdarwindashv;dblac;ddarr;definedeletedelim(delta;dev_iddevicedevptsdharl;dharr;diams;digestdisin;dividedomaindoteq;dotnetdoubledriverdryRundtdot;dtrif;duarr;duhar;eDDot;eacuteecirc;econeteetherefDot;efenceeffectegraveemacr;empty
empty;eogon;eplus;epsiv;eqsim;equiv;erDot;erarr;erlangerrno errorsesdot;evdo_0evdo_aevdo_beventsexec:
execveexist;existsexpectfamilyfcfb10fcfb11fcfb12fchdirfchmodfchownfflig;field
figurefilig;filterfjlig;fllig;fltns;followfooterforallforkv;formatfrac12frac14frac34frasl;frown;frozenfsTypefsopenfspickgamma;gcirc;genevegescc;getcpugetcwdgetgidgetpidgetsidgettidgetuidgimel;gneqq;gnsim;golanggophergrave;gretapgroupsgrpclbgsime;gsiml;gtcir;gtdot;hanadbhangupharrw;hcirc;headerhealthheartsheighthelliphgrouphiddenhoarr;hostIPhref="hsqldbiacuteicirc;iexcl;iframeigraveiiint;iiota;ijlig;imacr;image;imagesimath;imped;importindex-
infin;ingestingresinlineinprocinsertinuse_invokeiogon;iopermip+netip/ddpip6greip6tnlipMaskip_tcpip_udpiprod;ipvlaniquestisinE;isins;isinv;iukcy;jcirc;jmath;jsCtx(jstypejukcy;k8s.iokappa;killedlAarr;lBarr;labelslambdalangd;laquo;larrb;lates;latestlayer-
layer2layerslbarr;lbbrk;lbrke;lceil;lchownldquo;leakedleaseslegacylescc;level:lfloorlhard;lharu;lhblk;limitslinkatlistenllarr;lltri;lneqq;lnsim;loang;loarr;lobrk;loggerlopar;lowastlower1lower2lrarr;lrhar;lrtri;lsaquolsime;lsimg;lsquo;ltcir;ltdot;lte_caltrie;ltrif;mDDot;mailtomallocmdash;mediummembermemorymergedmethodmicro;middotminus;minutemlock2mount.mount=mountsmqueuemremapmsgctlmsggetmsgrcvmsgsndmumap;munmapnabla;napid;napos;nativenatur;nbump;ncong;ndash;ndots:neArr;nearr;nedot;nesim;netbsdnetdnsngeqq;ngsim;nhArr;nharr;nhpar;nlArr;nlarr;nleqq;nless;nlsim;nltri;nodejsnoexecnofilenomandnosuidnotifynotin;notni;nouuidnpart;nprec;nrArr;nrarr;nrtri;nsime;nsmid;nspar;nsubE;nsube;nsucc;nsupE;nsupe;ntildenumbernumsp;nvsim;nwArr;nwarr;oacuteobjectocirc;odash;oelig;ofcir;ograveohbar;olarr;olcir;oline;omacr;omega;onlineopenatoperp;oplus;oracleorarr;order;originoslashotildeotimesoutputovbar;packedparentparsl;pausedpdNamepermilpgpginpgscanphone;pimregpkcs11pluginplusb;pluse;plusmnpodIPspolicypopcntposterpound;prcue;preadvprefixprettyprime;printfprnap;promptpronetproto2proto3prsim;ptracepubsubpythonquest;quorumrAarr;rBarr;radic;rangd;range;raquo;rarrb;rarrc;rarrw;ratio;rbarr;rbbrk;rbrke;rceil;rdquo;rdrandrdseedreadU4readatreals;reasonrebootrel=%qremoverenameresumereturnrfloorrhard;rharu;rlarr;rlhar;rnmid;roang;roarr;robrk;rootfsropar;rrarr;rsaquorslaversquo;rtpriortrie;rtrif;rttimerune1
sbquo;scalarscaronsccue;schemescirc;scnap;scopedscopesscriptscsim;sdotb;sdote;seArr;searr;secondsecretselectsemctlsemgetsendtoserialseriesserversetenvsetgidsetmn;setsidsetuidsha256sha384sha512sharedsharessharp;shmctlshmgetsigma;sigmafsignalsignedsimeq;simgE;simlE;simne;sint32sint64slarr;smile;smtes;socketsocks
socks5sourcespadesspec:
splicesqcap;sqcup;sqlitesqsub;sqsup;srarr;srcdocsrcsetstablestarf;stat64state(statfsstatusstderrstdoutstringstrns;structsubnE;subne;supnE;supne;swArr;swarr;sweep
switchsybasesyncfssyntaxsyslogsysmonsystemszlig;taintstargettc_newtelnettenanttgkillthawedthere4theta;thinspthkap;thorn;threadtilde;timerstimes;toc_%dtracestrade;trisb;tshcy;tuntaptwixt;typeofuacuteubrcy;ucirc;udarr;udhar;ugraveuharl;uharr;uhblk;uint16uint32uint64ultri;umacr;umountunlinkunpigzunuseduogon;updateuplus;upsih;uring;urtri;usemapustar
ustar/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdDOWNGRD
DSA-SHA1DataLossDecemberDefault:Detail:
Details:Devices:DevmajorDevminorDiamond;Divisor:DocumentDownTee;DuployanDurationENDPOINTElement;EnumKindEnvFrom:EnvelopeEpsilon;EthiopicExecSyncExitCodeExports:ExtendeeExtenderFSGroup:Failcnt:Febru

aryFields:
FieldsV1FilePathFilters:Flocker:FullNameFunctionGODEBUG=Gateway:GeorgianGitRepo:GoStringGujaratiGurmukhiHTMLSpanHTTP/1.1HTTP/2.0HTTPGet:Handler:HiraganaHostIPC:HostPID:Hugetlb:INTERNALIgnore()ImageID:Implies;Ingress:InitErr:InstFailInstRuneInternalIsPackedIsPublicJSONNameJavaneseJstype:
KatakanaKayah_LiKeyGroupKeyValueKeyring:Kind(%d)LearningLeftTee;Linear_ALinear_BLinknameListMetaListPidsLocale:
LocationLogPath:MD5+SHA1MahajaniManager:MapValueMappingsMaxSkew:Message:MessagesMetadataMethod:
Methods:Metrics:Mixins:
NO_ERRORNO_PROXYNetwork:NewLine;NoBreak;NodeSpecNotFoundNotLess;NovemberNumber:
OSImage:Ol_ChikiOmicron;Oneofs: OomKill:OpenTcp:OptionalOptions:OverBar;PRIORITYPacked:
ParseIntPeriods:PgFault:PgPgOut:Pgfault:Pgsteal:Phags_PaPidsStatPlugins:PodCIDR:PodCidr:Portals:PreStop:PriorityProcess:Product;ProxyArpQuantityQuestionQuobyte:RBDPool:RECEIVEDRSA-OAEPRSSHuge:RTMAX-10RTMAX-11RTMAX-12RTMAX-13RTMAX-
14RTMIN+10RTMIN+11RTMIN+12RTMIN+13RTMIN+14RTMIN+15RdmaStatReadBoolReadInt8ReceivedRelated:RemovingRepeatedRequiredResourceRestrictResumingRunning:Runtime:RxBytes:SETTINGSSHA1-RSASHA3-224SHA3-256SHA3-384SHA3-
512SHN_LOOSSHUTDOWNSPDY/3.1Samples:SaturdayScaleIO:Seccomp:Seconds:Secrets:Servers:ServicesShimInfoShimPid:ShutdownSources:Started:SubPath:Subject:Subsets:Syntax:
Sysctls:TableRowTagbanwaTai_ThamTai_VietTaskPid:ThrottleThursdayTifinaghTime: %vTimeout:Too longTooManyTrailer:TxBytes:TypeAAAATypeAXFRTypeMetaTypeUrl:UgariticUnified:UpArrow;Uparrow;Upsilon;UserInfoValues:
VariableVariant:Verbose:Version:VolatileVolumes:Waiting:Windows:XAddModeZgotmplZ[rdt] [%d->%d][%s]: %v[::1]:53[:word:][]Event{[]Image{[]PodIP{[]Taint{[mapKey][pkcs11][signal

Found in path(s):
* /docker-20-10-17-tgz/docker/containerd
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd *v2.shim
APIGroup Absolute ActorKey AdSelect AddBytes AddChild AddEvent AddFuncs AddUint8 AddValue AddrType Addrtype Allocate AsString Attached AuthInfo AuthType BadValue Binomial BoolVarP Buffered ByIgnore ByMetho ByNumber BytesHex BytesPtr CFHeader C_Digest C_Logout C_SetPIN C_Verify Ca_state CacheDir CapNames CastType Category Channels Children CloseAll CmpInt64 Commands Comments Comparer Compiled Compress ConnPool Constant Consumes Contains ContentD Contents Continue CopyFile CopyFrom CopyList CopyPipe CoreDu CountFds CountVar DNSNames DNSStart DataSize DataType Deadline Decision DeepCopy DefValue Demangle Describe DevMajor DevMinor Devmajor Devminor Digester Dispatch DoneFunc Duration ElseList EnableGC Encode Encoding Endpoint ErrorLog EventNum ExecSync ExitCode ExitFunc ExitIdle ExitTime ExitedAt Expanded Expecte Exporter Extendee FailFast Familiar Families FieldMap FileInfo FileLine FileName FilePath FileSize Filename Finali FindType FlagSign Float32P Float64P FlowInfo Flowinfo Footnote FormFile FormName Fprintln Fragment FullName Function GRPCConn GaugeVec GetArray GetBegin GetCount GetCtype GetDepth GetEntry GetError GetField GetGa GetGroup GetIPNet GetImage GetIndex GetInt16 GetInt32 GetInt64 GetItems GetLabel GetLevel GetLimit GetLinks GetLinux GetMajor GetMinor GetNanos GetOwner GetPaths GetSize_ GetSlice GetSpans GetStart GetState GetStats GetStdin GetUint8 GetUsage GetValue GetXattr GoString GroupIds HasFired HasFlags HasValue HashFunc HeapIdle HelpName HideHelp Hijacker HostPort Hostname HttpOnly IPNetVar IPSliceP IdleTime ImageRef Indirect InitJSON Insecure Instance Int16Var Int32Ptr Int32Var Int64Ptr Int64Var Int8VarP IntSlice IntValue IsAssign IsBinary IsClient IsFenced IsFolded IsHeader IsHidden IsLoaded IsNormal IsPacked IsPinned IsProto3 IsPseudo IsPublic IsRemote IsS

IsSigned IsStream IsString IsSubkey IsUint64 JSONName JsonName KeyUsage KeysById KillShim KindFlag LacpRa
Learning LengthOf LinkData LinkName LinkType Linkname ListData ListMeta ListPids Listener Locality Location
LookupIP LookupMX LookupNS MACAddrs MBSchema MSpanSys MapIndex MapRange MapValue MarkDead
MaxDelay MaxDepth Messages Metadata MinLinks MkdirAll MulRange Multiply Networks NewChild NewField
NewGauge NewTimer NewValue NextPart NodeType Nodename NotAfter Nsignals NumEnums NumField NumFiles
NumFlags NumLabel NumPorts OnCommit Operator Optional OrigName OtherSys OutTable Overhead Overlaps
PMtuDisc PageSize ParseAll Password PauseEnd PeerAddr PeerName Platform PortHigh Position PostForm Pow2252
PreferGo Priority Produces Protinfo Protocol Province ProxyArp ProxyURL PushBack PushStep PusherID Question
Queue_id QuoExact QuoRound RGBA64At RSSLimit RandBool RawFlags RawQuery RawToken RawWrite ReadBits
ReadBool ReadByte ReadData ReadForm ReadFrom ReadInt8 ReadLine ReadOnly ReadRune ReadUint ReaderAt
ReadySCs RealSize RecvTime Redacted Register Registry Releaser Repeated RepoTags Required Requires Reserver
Resolver Resource Response Revision Rollback RootPath Rootless RssQuery RunCount RxErrors S2KCount SPIFFEI
SameSite Scope_id Searches Sections Security SentTime Sequence ServeMux ServeTCP ServeTLS Services SetALUC
SetBytes SetEDNS0 SetError SetFlags SetFloat SetIndex SetInt64 SetLabel SetLevel SetMilli SetScale SetValue Seve
ShimInfo Shstrndx Shutdown SignInit Signaled SignedBy Simplify SizeType Snapshot Snd_cwnd SortKeys SpanKind
SpewKeys Spoofchk Sprintln StackSys StopShim StreamID StreamId SubChans SubImage Subjects Subtract SysUsag
TableLog Terminal TextName ToString ToUint32 ToUint64 TrailCCC Truncate TxErrors TypeFlag TypeMeta TypeN
Typeflag Uint8Var UintVarP UnixConn UnixNano Unparsed Unscaled UseBlock UseProxy UserName UserTime
Username Validate Validity VarCount VarNames Verified Verifier VisitAll Warningf Weighted WireType WithArgs
WithKind WithName WithSink WithTime WithType WrapKeys Writable WriteInt WriteMsg WriteNil WriteRaw
WriteVal XXX_Size/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd
getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd *zstd.seq
AResource AcceptTCP AddCookie AddDevice AddGoFlag AddHeader AddObject AddOutput AddRtAttr AddSignal
AddUint16 AddUint24 AddUint32 AddValues Addralign Addresses AfterFunc Aggregate Algorithm AllocSize
AllowHTTP Anonymous AppendCRC ApplyOpts ArgsUsage AsFloat64 AsIfaceOf AsValueOf Attribute Authority
Authorize AutoClose Available BaseDelay BasicAuth BeginTime Benchmark BitLength BlockSize BoolSlice Broadcas
BusObject ByteOrder BytesHexP BytesSent CATSchema CNIResult CRTValues C_Decrypt C_Encrypt C_GetInfo
C_InitPIN C_WrapKey CallDepth CallSlice ClientCAs CloseChan CloseConn CloseRead CloseSend CloseWait
Coalesced Collector Commented Committed ConnState Connected Container Continued Converter Copyright CountVa
CreateCRL CreatedAt CurryWith DBusError DaysSince DebugData DecodeAll DecoderOf DeepEqual Delimiter
Deprecate DeriveKey DeviceIdx DialCreds DidResume DigestKey DoNotCopy DotReader DownDelay DualStack
DurationP DynString ECDSASigR ECDSASigS Eavesdrop EmitASCII EncapType EncodeAll EncoderOf Encrypted
EndColumn EndStream EqualTime ErrClosed ErrStatus ErrWriter ErrorBody ErrorCode EventChan EventFile EventLo
Exclusive ExportAll Extension ExtraInfo FastLeave FenceChar FieldsMap FileLocks FillBytes FindIndex FirstData
FlagNames FlowBased FormValue Formatter FreeAlloc FreeBytes FreePageN FromBytes FromNames Ftruncate
FullBytes FuncProto GaugeOpts GetAttach GetBucket GetByType GetCallId GetConfig GetDetail GetDevice GetDiges
GetDomain GetEnvMap GetEvents GetFields GetFilter GetFormat GetHostIp GetImages GetIpPort GetJstype GetLabe
GetLength GetLocale GetLogger GetMemory GetMethod GetMetric GetMixins GetModule GetMounts GetNumber
GetObject GetOneofs GetPacked GetPinned GetReason GetSerial GetServer GetSocket GetSpanId GetStatus GetStderr
GetStdout GetString GetSyntax GetTarget GetUint16 GetUint32 GetUint64 GetValues GlobalInt GlobalSet GoValueOf
GobDecode GobEncode GroupKind GroupName GuestNice HTTPProxy HandleRPC Handshake HasCaller HasPacked
HasSpanID HeadingID HeapAlloc HeapInuse HelloTime Histogram IPConfigs IPMaskVar IPNetVarP IfInfomsg
ImageData ImagePath ImageSpec Increment IndexType InfoDepth InitCheck InitLevel InitToken InlineMap Int16VarP
Int32VarP Int64VarP IntSliceP Interface Interpret Intersect IsComplex IsCreated IsDefault IsKeyword IsLiteral IsMess
IsNumeric IsOnCurve IsPacked3 IsPrivate IsRegular IsSampled IsSandbox IsServing IsTimeout IsValidGo IsValidPB
KeepAlive KernelBTF KeyUsages LastChild LastError LatencyMu LazyPages LeafAlloc LeafInuse LeafPageN LinkAu
LinkState ListFlags LocalAddr Locations LogCaller LogFormat LookupSRV LookupTXT MCacheSys MakeSlice
MarshalTo MatchRune MaxErrAge MaxTokens MaxTxRate MediaType MessageIs MessageOf MetricVec MiiStatus

MinTxRate MmapFlags MoveAfter Multiaddr Multicast Multiline Namespace NetNSPath NewResult NewSpanID NewStream NewTicker NilChance NodeCount NodeDeref NonceSize Normalize NotBefore NumMethod NumSubexp ObjectRef OmitEmpty OpenCount OpenStdin OperState Operation Overwrite PBES2Salt PBValueOf PackEFace PadLength PageAlloc PageCount ParentIDs ParseForm ParseGlob ParseName Partition Pdeathsig Phentsize PixOffset Platforms Precision Processes PromiseID ProtoSize ProtoTime ProtoType ProxyFunc PublicKey PullImage PushFront PutUint16 PutUint32 PutUint64 QuickSpan RatString RawIssuer RawOutput Rcv_space ReadArray ReadBytes ReadFrame ReadInt16 ReadInt32 ReadInt64 ReadMapCB ReadMsgIP ReadSlice ReadUint8 Rebalance Reconnect Reference Registers RemoveAll Reserved1 ResetPool ResizePty Resources RestartMs RootBlock RoundTrip RxDropp RxPackets Sa_family SandboxID ScanState SchemaURL SendReply Sensitive Serialize ServeConn ServeGRPC ServeHTTP SetBuffer SetEnvMap SetExited SetFormat SetFrac64 SetHeader SetIndent SetInline SetJumpOp SetLabel SetLinger SetNoLock SetOutput SetPrefix SetRGBA64 SetScaled SetSource SetStatus SetString SetUint64 SetValues SharedKey Shentsize ShortName Shorthand SignFinal Signature SkipSpace SlaveType SnapshotD Snapshots SortFlags SourceIPs SourceSAP Specified SpillTime SplitKeys SqrtRatio StartCond StartLine StartTime StartedAt Starttime StdinOnce StdinPipe StreamDep StringLen StringOff StringPtr StringVar Subscribe Subsystem Supported Suspended TLSConfig TLSUnique TableLive TakesFile TargetIdx Templates Temporary Terminate TimeNanos Timestamp TlsConfig ToFloat32 ToFloat64 Transform Transport TrapCause Truncated TxDropped TxPackets TypeCheck TypeEn Uint16Var Uint32Ptr Uint32Var Uint64Ptr Uint64Var Uint8VarP UintSlice UnixMicro UnixMilli Unmarshal UnsafeCa UnsafeGet UnsafeNew UnsafeSet UnwrapKey UpdatedAt UsageText UseNumber UserAgent ValueElem ValueSize ValueType Verbosity Versioned WaitGroup WaitWrite WarningFn Warningln WithError WithField WithLease WithValue WriteBool WriteByte WriteData WriteFile WriteFlag WriteInt8 WriteJson WriteMore WriteName WriteOn WritePing WritePong WriteRune WriteTime WriteToIP WriteTrue WriteUint XXX_Merge X__unused/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd

Found
in path(s):
* The contents of the target Secret's Data field will be presented in a volume as files using the keys in the Data field as the file names. Secret volumes support ownership management and SELinux relabeling.NodeSelector is a selector which must be true for the pod to fit on a node. Selector which must match a node's labels for the pod to be scheduled on that node. More info: https://kubernetes.io/docs/concepts/configuration/assign-pod-node/The GID to run the entrypoint of the container process. Uses runtime default if unset. May also be set in PodSecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified
in SecurityContext takes precedence.The Windows specific settings applied to all containers. If unspecified, the options from the PodSecurityContext will be used. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence.procMount denotes the type of proc mount to use for the containers. The default is DefaultProcMount which uses the container runtime defaults for readonly paths and masked paths. This requires the ProcMountType feature flag to be enabled.MaxLimitRequestRatio if specified, the named resource must have a request and limit that are both non-zero where limit divided by request is less than or equal to the enumerated value; this represents the max burst for the named resource.version is the preferred version of the resource. Empty implies the version of the containing resource list For subresources, this may have a different value, for example: v1 (while inside a v1beta1 version of the core resource's group)".Target directory
name. Must not contain or start with '..'. If '.' is supplied, the volume directory will be the git repository. Otherwise, if specified, the volume will contain the git repository in the subdirectory with the given name.podIPs holds the IP addresses allocated to the pod. If this field is specified, the 0th entry must match the podIP field. Pods may be allocated at most 1 value for each of IPv4 and IPv6. This list is empty if no IPs have been allocated yet.EndpointsNamespace is the namespace that contains Glusterfs endpoint. If this field is empty, the EndpointNamespace defaults to the same namespace as the bound PVC. More info: https://examples.k8s.io/volumes/glusterfs/README.md#create-a-podPodSecurityContext holds pod-level security attributes and common container settings. Some fields are also present in container.securityContext. Field values of

container.securityContext take precedence over field values of PodSecurityContext.Docker image name. More info: https://kubernetes.io/docs/concepts/containers/images
This field is optional to allow higher level config management to default or override container images in workload controllers like Deployments and StatefulSets.The kind attribute of the resource associated with the status StatusReason. On some operations may differ from the requested resource Kind. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kindsThe Windows specific settings applied to all containers. If unspecified, the options within a container's SecurityContext will be used. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence.Audience is the intended audience of the token. A recipient of a token must identify itself with an identifier specified in the audience of the token, and otherwise should reject the token. The audience defaults to the identifier of the apiserver.When present, indicates that modifications should not be persisted.
An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed(?i)^(?:<[A-Za-z][A-Za-z0-9-]*(?:\s+[a-zA-Z_:][a-zA-Z0-9:._-]*(?:\s*=\s*(?:[^'"=<>`\x00-\x20]+|'[^']*'|"[^"]*"))?)*\s*/?>|</[A-Za-z][A-Za-z0-9-]*\s*[>]|<!---->|<!--(?:-?[^>-])(?:-?[^-])*-->|[<][?].*?[?][>]|<![A-Z]+\s+[^>]*>|<!\[CDATA\[[\s\S]*?\]\]>)APIVersion defines the version of this resource that this field set applies to. The format is "group/version" just like the top-level APIVersion field. It is necessary to track the version of a field set because it cannot be automatically converted.Template is the object that describes the pod that will be created if insufficient replicas are detected. This takes precedence over a TemplateRef. More info: https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#pod-templateReplicas is the number of desired replicas. This is a pointer to distinguish
between explicit zero and unspecified. Defaults to 1. More info: https://kubernetes.io/docs/concepts/workloads/controllers/replicationcontroller#what-is-a-replicationcontrollerThe GID to run the entrypoint of the container process. Uses runtime default if unset. May also be set in SecurityContext. If set in both SecurityContext and PodSecurityContext, the value specified in SecurityContext takes precedence for that container.singularName is the singular name of the resource. This allows clients to handle plural and singular opaquely. The singularName is more correct for reporting status on a single item and both singular and plural are allowed from the kubectl CLI interface.matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.The name of the cluster which the object belongs
to. This is used to distinguish resources with same name and namespace in different clusters. This field is not set anywhere right now and apiserver is going to ignore it if set in create or update request.Active reports the checkpointed config the node is actively using. Active will represent either the current version of the Assigned config, or the current LastKnownGood config, depending on whether attempting to use the Assigned config results in an error.
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd|*struct { F uintptr; req *containers.CreateContainerRequest; l *containers.local; resp *containers.CreateContainerResponse }
IoTimeRecursivelprotobuf:"bytes,7,rep,name=io_time_recursive,json=ioTimeRecursive,proto3"
json:"io_time_recursive,omitempty"
MajorPageFaultslprotobuf:"bytes,7,opt,name=major_page_faults,json=majorPageFaults,proto3"
json:"major_page_faults,omitempty"
ResponseTypeUrllprotobuf:"bytes,4,opt,name=response_type_url,json=responseTypeUrl,proto3"
json:"response_type_url,omitempty"
SlabReclaimablelprotobuf:"varint,16,opt,name=slab_reclaimable,json=slabReclaimable,proto3"
json:"slab_reclaimable,omitempty"
WorkingSetByteslprotobuf:"bytes,2,opt,name=working_set_bytes,json=workingSetBytes,proto3"

json:"working_set_bytes,omitempty"/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.convTslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.notetsleep_internal/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.notetsleep/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.notetsleepg/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.printslice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdruntime.runqputslow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsync.(*Pool).getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdtime.digitsLen/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdreflect.cvtSliceArrayPtr/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.IntSlice.Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.IntSlice.Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.IntSlice.Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.IntSlice.Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.IntSlice.Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.(*IntSlice).Len/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.(*IntSlice).Less/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.(*IntSlice).Search/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.(*IntSlice).Sort/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdsort.(*IntSlice).Swap/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdpath.lastSlash/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.(*Buffer).decodeVarintSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/gogo/protobuf/proto.pointer.getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.sizeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.appendFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.consumeFloatSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·4/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/google.golang.org/protobuf/internal/impl.(*ExtensionInfo).lazyInitSlow·dwrap·3/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/pkg/errors.StackTrace.formatSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/golang.org/x/net/internal/timeseries.(*tsLevel).Clear/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/golang.org/x/net/internal/timeseries.(*tsLevel).InitL

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/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*intSliceValue).Replace/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*intSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.intSliceConv/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*FlagSet).GetIntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*FlagSet).IntSliceVar/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.newIntSliceValue/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*FlagSet).IntSliceVarP/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*FlagSet).IntSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*FlagSet).IntSliceP/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*ipSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*stringArrayValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*stringSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*uintSliceValue).Set/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*uintSliceValue).Type/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*uintSliceValue).String/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*uintSliceValue).Append/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*uintSliceValue).fromString/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*uintSliceValue).Replace/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*uintSliceValue).GetSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*uintSliceValue).toString/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.uintSliceConv/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*FlagSet).GetUintSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.(*FlagSet).UintSliceVar/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerdgithub.com/containerd/containerd/vendor/github.com/spf13/pflag.newUintSliceValue/opt/cola

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getSlow/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim
getSlice/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/containerd-shim

Found
in path(s):
* WritableLayerdprotobuf:"bytes,4,opt,name=writable_layer,json=writableLayer,proto3"
json:"writable_layer,omitempty"
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker
/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/dockerd

Found in path(s):
* strictSlash

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

/opt/cola/permits/2638087389_1758660464.1729765/0/docker-20-10-17-tgz/docker/docker *yaml.yamlError *zip.Compressor *zip.FileHeader AddEventHandler AddIfNotPresent AddWithExemplar AppArmorProfile AuthTokenSecret AuthorityHeader AuthorizationV1 BearerTokenFile BuildCachePrune BuildCatalogURL BuildkitVersion BytesBase64VarP C_DecryptUpdate C_DestroyObject C_EncryptUpdate C_GetObjectSize C_VerifyRecover ClientHandshake ClusterDefaults CompletedTraces ComputeChecksum ConnectionError ConnectionState ConstantTimeSum ContainerAttach ContainerCommit ContainerConfig ContainerCreate ContainerExport ContainerIDFile ContainerMounts ContainerRemove ContainerRename ContainerResize ContainerUpdate ContainersPrune ContextSpecific CopyStoreObject CopyToContainer CreateFormField CriticalOptions CryptoPublicKey CryptokiVersion DecorateDecoder DecorateEncoder DefaultAddrPool DisableChunking DiscoveryClient EndpointsConfig EphemeralPubKey EscapedFragment ExcludePatterns ExecuteTemplate ExtraExtensions FieldByNameFunc FindAllSubmatch FindObjectsInit FindReaderIndex FindStringIndex FirmwareVersion Float32SliceVar Float64SliceVar ForceNewCluster GenerateKeyPair GetArchitecture GetCacheImports GetClientHeader GetCustomPrefix GetDefaultValue GetDesiredState GetExplicitFile GetExporterAttr GetExternalDocs GetFloat32Slice GetFloat64Slice GetGenerateName GetGoAwayReason GetHostTemplate GetKeepDuration GetManifestList GetMethodConfig GetPathTemplate GetPhpNamespace GetReservedName GetResourceName GetResourceType GetResponseCode GetServerHeader GetStackEntries GetTargetByName GreaterThanZero HardwareVersion HasCapabilities HasCertCallback HasExperimental HasFragmentOnly HasFullFilePath HasUpdateConfig HasUpdateStatus HistogramWindow IdentityMapping IdleConnTimeout IncludePatterns IsDefaultConfig IsEventResource IsGlobalUnicast IsUnlessStopped KeepaliveParams KernelMemoryTCP Keys

Found
in path(s):
* sshtype:"32" XXX_OneofFuncs YubiPrivateKey

1.470 importlib-metadata 4.11.1

1.470.1 Available under license :

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1.471 platformdirs 2.6.2

1.471.1 Available under license :

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1.472 idna 3.3

1.472.1 Available under license :

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1.473 distlib 0.2.9.post0

1.473.1 Available under license :

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.

Release	Derived from	Year	Owner	GPL-compatible? (1)

0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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distlib has started off using some of the code from distutil2.

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1.474 python-pip 22.0.3

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(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:

http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
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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In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
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2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes

2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
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2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of
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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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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes

2.3.1	2.3	2002-2003	PSF	yes
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2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
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2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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distlib has started off using some of the code from distutil2.

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1.476 tomli 2.0.1

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1.482 python-setuptools 59.5.0

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1.483 containerd v1.6.19

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localtime.go, localtime_test.go:

Originals:

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Changes:
* Renamed files from civil* to localtime*.
* Package changed from civil to toml.
* 'Local' prefix added to all structs.
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Protocol Buffers for Go with Gadgets

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1.488 pep517 0.5.0

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1.489 cachecontrol 0.12.5

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1.490 python-certifi 2022.12.07

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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:
https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt
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 $

1.491 runc 1.1.5

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1.493 python-requests 2.28.2

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1.494 pyparsing 3.0.9

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1.495 pyasn1 0.4.8

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ASN.1 library for Python

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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.

```python
>>> 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 serialised 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('{} is {}'.format(field, 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
room=321
>>>
```

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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* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/compat/binary.py
* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/pyasn1/compat/integer.py
* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/tests/codec/__main__.py
* /etingof-pyasn1-v0-4-8-0-g70c1bbd-1-tar-gz/etingof-pyasn1-70c1bbd/tests/codec/native/test_encoder.py
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ASN.1 library for Python
========================

.. toctree::
  :maxdepth: 1

Abstract Syntax Notation One (`ASN.1
<http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x>`_) 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 become 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 <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/protocol-buffers/>`_
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

.. toctree::
:maxdepth: 2

/pyasn1/contents

Use case

.. toctree::
  :maxdepth: 2

  /example-use-case

Download & Install

.. toctree::
  :maxdepth: 2

  /download

Changes

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::
  :maxdepth: 1

  /changelog

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.. toctree::
  :maxdepth: 2

  /license

Getting help

Please, file your `issues <https://github.com/etingof/pyasn1/issues>`_
and `PRs <https://github.com/etingof/pyasn1/pulls>`_ at GitHub.
Alternatively, you could ask for help at
`Stack Overflow <http://stackoverflow.com/questions/tagged/pyasn1>`_
or search

`pyasn1-users <https://lists.sourceforge.net/lists/listinfo/pyasn1-users>`_
mailing list archive.

Books on ASN.1

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
* `ASN.1 Complete <http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>`_ by Prof John Larmouth

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

* `ITU standards
 <http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>`_

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

* `A Layman's Guide to a Subset of ASN.1, BER, and DER <ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>`_ by Burton S. Kaliski

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

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1.496 protobuf 3.21.6

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standalone and requires a support library to be linked with it. This
support library is itself covered by the above license.
This file contains a list of people who have made large contributions
to the public version of Protocol Buffers.

Original Protocol Buffers design and implementation:
Sanjay Ghemawat <sanjay@google.com>
Jeff Dean <jeff@google.com>
Daniel Dulitz <daniel@google.com>
Craig Silverstein
Paul Haahr <haahr@google.com>
Corey Anderson <corin@google.com>
(and many others)

Proto2 C++ and Java primary author:
Kenton Varda <kenton@google.com>

Proto2 Python primary authors:
Will Robinson <robinson@google.com>
Petar Petrov <petar@google.com>

Java Nano primary authors:
Brian Duff <bduff@google.com>
Tom Chao <chaot@google.com>
Max Cai <maxtroy@google.com>
Ulas Kirazci <ulas@google.com>

Large code contributions:
Jason Hsueh <jasonh@google.com>
Joseph Schorr <jschorr@google.com>
Wenbo Zhu <wenboz@google.com>

Large quantity of code reviews:
Scott Bruce <sbruce@google.com>
Frank Yellin
Neal Norwitz <nnorwitz@google.com>
Jeffrey Yasskin <jyasskin@google.com>
Ambrose
Feinstein <ambrose@google.com>

Documentation:
Lisa Carey <lcarey@google.com>

Maven packaging:
Gregory Kick <gak@google.com>

Patch contributors:
Kevin Ko <kevin.s.ko@gmail.com>
  * Small patch to handle trailing slashes in --proto_path flag.
Johan Euphrosine <proppy@aminche.com>
  * Small patch to fix Python CallMethod().
Ulrich Kunitz <kune@deine-taler.de>
  * Small optimizations to Python serialization.
Leandro Lucarella <llucax@gmail.com>
  * VI syntax highlighting tweaks.
  * Fix compiler to not make output executable.
Dilip Joseph <dilip.antony.joseph@gmail.com>
  * Heuristic detection of sub-messages when printing unknown fields in
    text format.
Brian Atkinson <nairb774@gmail.com>
  * Added @Override annotation to generated Java code where appropriate.
Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>
  * Tru64 support.
Monty Taylor <monty.taylor@gmail.com>
  * Solaris 10 + Sun Studio fixes.
Alek Storm <alek.storm@gmail.com>

  * Slicing support for repeated scalar fields for the Python API.
Oleg Smolsky <oleg.smolsky@gmail.com>
  * MS Visual Studio error format option.
  * Detect unordered_map in stl_hash.m4.
Brian Olson <brianolson@google.com>
  * gzip/zlib I/O support.
Michael Poole <mdpoole@troilus.org>
  * Fixed warnings about generated constructors not explicitly initializing
    all fields (only present with certain compiler settings).
  * Added generation of field number constants.
Wink Saville <wink@google.com>
  * Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>
  * Small patch improving performance of in Python serialization.
Alexandre Vassalotti <alexandre@peadrop.com>
  * Emacs mode for Protocol Buffers (editors/protobuf-mode.el).
Scott Stafford <scott.stafford@gmail.com>
  * Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.
Alexander Melnikov <alm@sibmail.ru>
  * HPUX support.
Oliver Jowett <oliver.jowett@gmail.com>
   * Detect whether zlib is new enough in configure script.
  * Fixes for Solaris 10 32/64-bit confusion.
Evan Jones <evanj@mit.edu>
  * Optimize Java serialization code when writing a small message to a stream.
  * Optimize Java serialization of strings so that UTF-8 encoding happens only
    once per string per serialization call.
  * Clean up some Java warnings.
  * Fix bug with permanent callbacks that delete themselves when run.
Michael Kucharski <m.kucharski@gmail.com>
  * Added CodedInputStream.getTotalBytesRead().
Kacper Kowalik <xarthisius.kk@gmail.com>
  * Fixed m4/acx_pthread.m4 problem for some Linux distributions.
William Orr <will@worrbase.com>
  * Fixed detection of sched_yield on Solaris.
  * Added atomicops for Solaris
Andrew Paprocki <andrew@ishiboo.com>
  * Fixed minor IBM xlC compiler build issues
  * Added atomicops for AIX (POWER)
Nipunn Koorapati <nipunn1313@gmail.com>
  * Provide a type alias field ValueType
on EnumTypeWrapper
  * Match service argument names to abstract interface

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1.497 python-pip 19.2.3

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

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

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

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

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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(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
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Thanks to the many outside volunteers who have worked under Guido's
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