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The product also uses the Linux operating system, Centos Minimal 7.3. Information on this distribution is available at http://vault.centos.org/7.3.1611/os/Source/SPackages/. The full source code for this distribution, including copyright and license information, is available on request from opensource-requests@external.cisco.com. Mention that you would like the Linux distribution source archive, and quote the following reference number for this distribution: 146932041-173885694.

Contents

1.1 acl/LGPLv2.1 2.2.51 :12.el7
  1.1.1 Available under license
1.2 aide 0.15.1 :11.el7
  1.2.1 Available under license
1.3 aide 0.15.1 :13.el7
  1.3.1 Available under license
1.4 ansible 2.3.0.0 :3.el7
  1.4.1 Available under license
1.5 attr/libattr 2.4.46 :12.el7
  1.5.1 Available under license
1.6 audit 2.6.5 :3.el7_3.1
  1.6.1 Available under license
1.7 audit 2.7.6 :3.el7
  1.7.1 Available under license
1.8 authconfig 6.2.8 :30.el7
  1.8.1 Available under license
1.9 autogen 5.18 :5.el7
  1.9.1 Available under license
1.10 autogen 5.18 :5.el7
   1.10.1 Available under license
1.11 babel 0.9.6 :8.el7
   1.11.1 Available under license
1.12 babel 2.3.4 :1.el7
   1.12.1 Available under license
1.13 bash 4.2.46-29
   1.13.1 Available under license
1.14 bash 4.2.46 :21.el7_3
   1.14.1 Available under license
1.15 bind 9.9.4 :38.el7_3.3
   1.15.1 Available under license
1.16 boost 1.53.0 :27.el7
   1.16.1 Available under license
1.17 btrfs-progs 4.9.1 :1.el7
   1.17.1 Available under license
1.18 ca-certificates 2017.2.14 :71.el7
1.19 ca-certificates 2017.2.11 :70.1.el7_3
   1.19.1 Available under license
1.20 Centos Minimal 7.3 :1611
   1.20.1 GNU GENERAL PUBLIC LICENSE Version 2
   1.20.2 GNU LESSER GENERAL PUBLIC LICENSE Version 2.1
   1.20.3 GNU GENERAL PUBLIC LICENSE Version 3
   1.20.4 GNU LESSER GENERAL PUBLIC LICENSE Version 3
1.21 centos-release 7 :4.1708.el7.centos
   1.21.1 Available under license
1.22 ceph 0.80.7 :0.8.el7
   1.22.1 Available under license
1.23 ceph-common 0.94.5 :2.el7
   1.23.1 Available under license
1.24 checkpolicy 2.5 :4.el7
   1.24.1 Available under license
1.25 checkpolicy 2.5 :4.el7
   1.25.1 Available under license
1.26 chkconfig 1.7.4 :1.el7
   1.26.1 Available under license
1.27 chrony 2.1.1 :4.el7.centos
   1.27.1 Available under license
1.28 chrony 3.1 :2.el7.centos
Open Source Used in CSCOlxplat-CentOS 7.4.20180129

1.28.1 Available under license
1.29 cloud-init 0.7.5 :10.el7.centos.1
1.29.1 Available under license
1.30 cloud-init 0.7.9 :9.el7.centos.2
1.30.1 Available under license
1.31 cloud-utils 0.27 :20.el7.centos
1.31.1 Available under license
1.32 cloud-utils 0.27 :20.el7.centos
1.32.1 Available under license
1.33 cloud-utils-growpart 0.29 :2.el7
1.33.1 Available under license
1.34 createrepo 0.9.9 :26.el7
1.34.1 Available under license
1.35 createrepo 0.9.9 :28.el7
1.35.1 Available under license
1.36 cronie 1.4.11 :17.el7
1.36.1 Available under license
1.37 cyrus-sasl 2.1.26 :21.el7
1.37.1 Available under license
1.38 cyrus-sasl 2.1.26 :20.el7_2
1.38.1 Available under license
1.39 deltarm 3.6 :3.el7
1.39.1 Available under license
1.40 device-mapper-multipath 0.4.9 :99.el7_3.3
1.40.1 Available under license
1.41 dmidecode 3.0 :2.1.el7_3
1.41.1 Available under license
1.42 dmidecode 3.0 :5.el7
1.42.1 Available under license
1.43 dos2unix 6.0.3 :7.el7
1.43.1 Available under license
1.44 dos2unix 6.0.3 :4.el7
1.44.1 Available under license
1.45 dracut 033 :463.el7_3.1
1.46 ed 1.9 :4.el7
1.46.1 Available under license
1.47 ed 1.9 :4.el7
1.47.1 Available under license
1.48 epel-release 7 :11
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   1.68.1 Available under license
1.69 grubby 8.28 :21.el7_3
   1.69.1 Available under license
1.70 heat-cfntools 1.3.0 :2.el7
   1.70.1 Available under license
1.71 icu 50.1.2 :15.el7
   1.71.1 Available under license
1.72 icu 50.1.2 :15.el7
   1.72.1 Available under license
1.73 initscripts 9.49.37 :1.el7_3.1
1.74 iotop 0.6 :2.el7
   1.74.1 Available under license
1.75 iotop 0.6 :2.el7
   1.75.1 Available under license
1.76 irqbalance 1.0.7 :6.el7_3.1
   1.76.1 Available under license
1.77 jbigkit 2.0 :11.el7
   1.77.1 Available under license
1.78 jq 1.5 :1.el7
   1.78.1 Available under license
1.79 kernel 3.10.0 :514.21.1.el7
   1.79.1 Available under license
1.80 keyutils_GPLv2 1.5.8 :3.el7
   1.80.1 Available under license
1.81 krb5 1.15.1 :8.el7
   1.81.1 Available under license
1.82 krb5 1.14.1 :27.el7_3
   1.82.1 Available under license
1.83 libcgroup 0.41 :11.el7
   1.83.1 Available under license
1.84 libdnet 1.12 :13.1.el7
   1.84.1 Available under license
1.85 libdnet 1.12 :13.1.el7
   1.85.1 Available under license
1.86 libffi_GPLv3 3.0.13 :18.el7
   1.86.1 Available under license
1.87 libgcrypt 1.5.3 :13.el7_3.1
   1.87.1 Available under license
1.88 libgnome-keyring 3.8.0 :3.el7
   1.88.1 Available under license
1.89 libiscsi 1.9.0 :7.el7
   1.89.1 Available under license
1.90 libiscsi 1.9.0 :7.el7
   1.90.1 Available under license
1.91 libjpeg-turbo 1.2.90 :5.el7
   1.91.1 Available under license
1.92 libmspack 0.5 :0.4.alpha.el7
   1.92.1 Available under license
1.93 libnetfilter_conntrack 1.0.6 :1.el7_3
   1.93.1 Available under license
1.94 libnl3 3.2.28 :3.el7_3
   1.94.1 Available under license
1.95 libsemanage 2.5 :5.1.el7_3
   1.95.1 Available under license
1.96 libtasn1 4.10 :1.el7
   1.96.1 Available under license
1.97 libtiff 4.0.3 :27.el7_3
   1.97.1 Available under license
1.98 libunistring_tests 0.9.3 :9.el7
   1.98.1 Available under license
1.99 libunwind 1.1 :5.el7_2.2
   1.99.1 Available under license
1.100 libwebp 0.3.0 :3.el7
   1.100.1 Available under license
1.101 libxml_GPLv2 1.1.28 :5.el7
   1.101.1 Available under license
1.102 libyaml 0.1.4 :11.el7_0
   1.102.1 Available under license
1.103 libyaml 0.1.4 :11.el7_0
   1.103.1 Available under license
1.104 lm_sensors 3.4.0 :4.20160601g9f9185e5.el7
   1.104.1 Available under license
1.105 lsof 4.87 :4.el7
   1.105.1 Available under license
1.106 lsof 4.87 :4.el7
   1.106.1 Available under license
1.107 lvm2 2.02.166 :1.el7_3.4
1.107.1 Available under license

1.108 man-pages 3.53 :5.el7
   1.108.1 Available under license

1.109 man-pages 3.53 :5.el7
   1.109.1 Available under license

1.110 man-pages-overrides 7.3.2 :2.el7
   1.110.1 Available under license

1.111 mariadb 10.1.20 :1.el7
   1.111.1 Available under license

1.112 microcode_ctl 2.1 :16.3.el7_3
   1.112.1 Available under license

1.113 mtr 0.85 :7.el7
   1.113.1 Available under license

1.114 mtr 0.85 :7.el7
   1.114.1 Available under license

1.115 net-tools 2.0 :0.17.20131004git.el7
   1.115.1 Available under license

1.116 NetworkManager 1.4.0 :20.el7_3
   1.116.1 Available under license

1.117 nmap 6.40 :7.el7
   1.117.1 Available under license

1.118 nspr 4.13.1 :1.0.el7_3
   1.118.1 Available under license

1.119 nspr 4.13.1 :1.0.el7_3
   1.119.1 Available under license

1.120 nss 3.28.4 :1.0.el7_3

1.121 nss-util 3.28.4 :1.0.el7_3
   1.121.1 Available under license

1.122 ntp 4.2.6p5 :25.el7.centos.2
   1.122.1 Available under license

1.123 numactl 2.0.9 :6.el7_2
   1.123.1 Available under license

1.124 oniguruma 5.9.5 :3.el7
   1.124.1 Available under license

1.125 open-vm-tools 10.0.5 :4.el7_3

1.126 openssh 6.6.1p1 :35.el7_3
   1.126.1 Available under license

1.127 openssl 1.0.2k :8.el7
   1.127.1 Notifications
1.127.2 Available under license
1.128 openssl 1.0.1e :60.el7_3.1
   1.128.1 Available under license
1.129 p11-kit 0.23.5 :3.el7
   1.129.1 Available under license
1.130 pciutils 3.5.1 :2.el7
   1.130.1 Available under license
1.131 pcre 8.32 :17.el7
   1.131.1 Available under license
1.132 perl 5.16.3 :291.el7
   1.132.1 Available under license
1.133 perl 5.16.3 :292.el7
   1.133.1 Available under license
1.134 perl-Carp 1.26 :244.el7
   1.134.1 Available under license
1.135 perl-Carp 1.26 :244.el7
   1.135.1 Available under license
1.136 perl-constant 1.27 :2.el7
   1.136.1 Available under license
1.137 perl-constant 1.27 :2.el7
   1.137.1 Available under license
1.138 perl-Encode 2.51 :7.el7
   1.138.1 Available under license
1.139 perl-Encode 2.51 :7.el7
   1.139.1 Available under license
1.140 perl-Error 0.17020 :2.el7
   1.140.1 Available under license
1.141 perl-Exporter 5.68 :3.el7
   1.141.1 Available under license
1.142 perl-Exporter 5.68 :3.el7
   1.142.1 Available under license
1.143 perl-File-Path 2.09 :2.el7
   1.143.1 Available under license
1.144 perl-File-Path 2.09 :2.el7
   1.144.1 Available under license
1.145 perl-File-Temp 0.23.01 :3.el7
   1.145.1 Available under license
1.146 perl-File-Temp 0.23.01 :3.el7
   1.146.1 Available under license
1.147 perl-Filter 1.49 :3.el7
   1.147.1 Available under license
1.148 perl-Filter 1.49 :3.el7
   1.148.1 Available under license
1.149 perl-Getopt-Long 2.40 :2.el7
   1.149.1 Available under license
1.150 perl-Getopt-Long 2.40 :2.el7
   1.150.1 Available under license
1.151 perl-HTTP-Tiny 0.033 :3.el7
   1.151.1 Available under license
1.152 perl-HTTP-Tiny 0.033 :3.el7
   1.152.1 Available under license
1.153 perl-parent 0.225 :244.el7
   1.153.1 Available under license
1.154 perl-parent 0.225 :244.el7
   1.154.1 Available under license
1.155 perl-PathTools 3.40 :5.el7
   1.155.1 Available under license
1.156 perl-PathTools 3.40 :5.el7
   1.156.1 Available under license
1.157 perl-Pod-Perldoc 3.20 :4.el7
   1.157.1 Available under license
1.158 perl-Pod-Perldoc 3.20 :4.el7
   1.158.1 Available under license
1.159 perl-Pod-Simple 3.28 :4.el7
   1.159.1 Available under license
1.160 perl-Pod-Simple 3.28 :4.el7
   1.160.1 Available under license
1.161 perl-Pod-Usage 1.63 :3.el7
   1.161.1 Available under license
1.162 perl-Pod-Usage 1.63 :3.el7
   1.162.1 Available under license
1.163 perl-podlators 2.5.1 :3.el7
   1.163.1 Available under license
1.164 perl-podlators 2.5.1 :3.el7
   1.164.1 Available under license
1.165 perl-Scalar-List-Utils 1.27 :248.el7
   1.165.1 Available under license
1.166 perl-Scalar-List-Utils 1.27 :248.el7
1.166.1 Available under license
1.167 perl-Socket 2.010 :4.el7
   1.167.1 Available under license
1.168 perl-Socket 2.010 :4.el7
   1.168.1 Available under license
1.169 perl-Storable 2.45 :3.el7
   1.169.1 Available under license
1.170 perl-Storable 2.45 :3.el7
   1.170.1 Available under license
1.171 perl-TermReadKey 2.30 :20.el7
   1.171.1 Available under license
1.172 perl-Text-ParseWords 3.29 :4.el7
   1.172.1 Available under license
1.173 perl-Text-ParseWords 3.29 :4.el7
   1.173.1 Available under license
1.174 perl-threads 1.87 :4.el7
   1.174.1 Available under license
1.175 perl-threads 1.87 :4.el7
   1.175.1 Available under license
1.176 perl-threads-shared 1.43 :6.el7
   1.176.1 Available under license
1.177 perl-threads-shared 1.43 :6.el7
   1.177.1 Available under license
1.178 perl-Time-HiRes 1.9725 :3.el7
   1.178.1 Available under license
1.179 perl-Time-HiRes 1.9725 :3.el7
   1.179.1 Available under license
1.180 perl-Time-Local 1.2300 :2.el7
   1.180.1 Available under license
1.181 perl-Time-Local 1.2300 :2.el7
   1.181.1 Available under license
1.182 policycoreutils 2.5 :11.el7_3
   1.182.1 Available under license
1.183 polkit 0.112 :12.el7_3
   1.183.1 Available under license
1.184 python-boto 2.45.0 :3.el7
   1.184.1 Available under license
1.185 python-cffi 1.6.0 :5.el7
   1.185.1 Available under license
1.186 python-cffi 1.6.0 :5.el7
   1.186.1 Available under license
1.187 python-charset 2.2.1 :1.el7_1
   1.187.1 Available under license
1.188 python-charset 2.2.1 :1.el7_1
   1.188.1 Available under license
1.189 python-cheetah 2.4.4 :5.el7.centos
   1.189.1 Available under license
1.190 python-crypto 2.6.1 :13.el7
   1.190.1 Available under license
1.191 python-cryptography 1.3.1 :3.el7
   1.191.1 Available under license
1.192 python-ecdsa 0.13 :4.el7
   1.192.1 Available under license
1.193 python-enum34 1.0.4 :1.el7
   1.193.1 Available under license
1.194 python-enum34 1.0.4 :1.el7
   1.194.1 Available under license
1.195 python-httplib2 0.9.2 :1.el7
   1.195.1 Available under license
1.196 python-idna 2.0 :1.el7
   1.196.1 Available under license
1.197 python-ipaddress 1.0.16 :3.el7
   1.197.1 Available under license
1.198 python-Ipy 0.75 :6.el7
   1.198.1 Available under license
1.199 python-Ipy 0.75 :6.el7
   1.199.1 Available under license
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   1.200.1 Available under license
1.201 python-jinja2 2.7.2 :2.el7
   1.201.1 Available under license
1.202 python-jsonpatch 1.2 :3.el7.centos
   1.202.1 Available under license
1.203 python-jsonpointer 1.9 :2.el7
   1.203.1 Available under license
1.204 python-jsonpointer 1.9 :2.el7
   1.204.1 Available under license
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1.227.1 Available under license

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1.229.1 Available under license

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1.231 python-requests 2.10.0 :1.el7
1.231.1 Available under license

1.232 python-rsa 3.4.1 :1.el7
1.232.1 Available under license

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1.233.1 Available under license

1.234 python-setuptools 0.9.8 :7.el7
1.234.1 Available under license

1.235 python-six 1.9.0 :2.el7
1.235.1 Available under license

1.236 python-six 1.10.0 :3.el7
1.236.1 Available under license

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1.237.1 Available under license

1.238 python-urllib3 1.10.2 :2.el7_1
1.238.1 Available under license

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30

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

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

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.
However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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

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

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

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

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

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

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If 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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1.12babel 2.3.4 :1.el7

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1.13 bash 4.2.46-29
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From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)
id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)
id AA27213; Thu, 25 May 95 11:18:25 CDT
Received: by tepui.cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT
Message-Id: <9505251618.AA16031@tepui.cli.com>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
Hi. I snagged some of your bash functions from your home directory on
the FSF machines (naughty, I know), and I was wondering if you'd let
me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in
~ftp/friedman/shell-inits/init-4.89.tar.gz. There are also some elisp and
es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)

Sure. The canonical versions are available on ftp.armory.com; you might
want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

Sure. The canonical versions are available on ftp.armory.com; you might
want to pick up the latest versions before modifying them.

John
Hi. I'm the maintainer of bash (the GNU `Bourne Again shell') for the FSF.

I picked up a tar file of ksh scripts you wrote from an anon FTP site a while back. I'd like your permission to include modified versions of some of them in the next major bash distribution (with proper credit given, of course). Is it OK if I do that?

Chet Ramey

"The lyf so short, the craft so long to lerne." - Chaucer

Chet Ramey, Case Western Reserve University Internet: chet@po.CWRU.Edu

-- End of excerpt from Chet Ramey

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From spcecdt@armory.com Wed May 10 10:21:11 1995
Flags: 10
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Sure. The canonical versions are available on ftp.armory.com; you might want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

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John DuBois
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Go ahead and circulate it; in fact, we should probably grab it and
stick it in our ftp archive, and put a reference to it in the book.
(Too late to actually discuss the thing, at least for this edition).

---------
From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP
(8.6.10+cwru/CWRU-2.1-ins)
id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)
id AA27213; Thu, 25 May 95 11:18:25 CDT
Received: by tepui.cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT
Message-Id: <9505251618.AA16031@tepui.cli.com>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
Date: Thu, 25 May 95 11:18:21 CST

>Hi. I snagged some of your bash functions from your home directory on
>the FSF machines (naughty, I know), and I was wondering if you'd let
>me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in
~ftp/friedman/shell-inits/init-4.89.tar.gz. There are also some elisp and
es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)

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clarify this fact.

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

  Author: Julio Merino <jmmv@users.sourceforge.net>
* atf-c/ui.c: The format_paragraph and format_text functions were derived form the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

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

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

===========================================================================
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

1.16 boost 1.53.0 :27.el7

1.16.1 Available under license :

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//
//
////////////////////////////////////////////////////////////////////////////

#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

#include <boost/intrusive/detail/config_begin.hpp>
#include <cstddef>

namespace boost {
 namespace intrusive {
 namespace detail {

typedef char one;
 struct two {one _[2];};

 template< bool C_ >
 struct bool_
 {
  static const bool value = C_; 
  
  
  typedef bool_<true>        true_;
  typedef bool_<false>       false_;
typedef true_  true_type;
typedef false_ false_type;

typedef char yes_type;
struct no_type
{
    char padding[8];
};

template <bool B, class T = void>
struct enable_if_c {
    typedef T type;
};
template <class T>
struct enable_if_c<false, T> {};

template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> {};

template<class F, class Param>
struct apply
{
    typedef typename F::template apply<Param>::type type;
};

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; }; 
    static true_t dispatch(U); 
    static false_t dispatch(...); 
    static const T &trigger(); 
    public: 
        static const bool value = sizeof(dispatch(trigger())) == sizeof(true_t); 
};

template<
    bool C , typename T1 , typename T2
>
struct if_c
{
    typedef T1 type;
};
template<
    typename T1,
    typename T2
>
struct if_c<false,T1,T2>
{
    typedef T2 type;
};

template<
    typename C,
    typename T1,
    typename T2
>
struct if_
{
    typedef typename if_c<0 != C::value, T1, T2>::type type;
};

template<
    bool C,
    typename F1,
    typename F2
>
struct eval_if_c
    : if_c<C,F1,F2>::type
{
};

template<
    typename C,
    typename T1,
    typename T2
>
struct eval_if
    : if_<C,T1,T2>::type
{
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
{
    typedef T type;
};

#if defined(BOOST_MSVC) || defined(__BORLANDC__)
#define BOOST_INTRUSIVE_TT_DECL __cdecl
#else
```cpp
#define BOOST_INTRUSIVE_TT_DECL
#endif

#if defined(_MSC_EXTENSIONS) && !defined(__BORLAND__) && !_defined(UNDER_CE)
#define BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS
#endif

template <typename T>
struct is_unary_or_binary_function_impl{
  static const bool value = false;
};

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (*)(())>
{ static const bool value = true; }

template <typename R>
struct is_unary_or_binary_function_impl<R (*)(...)>
{ static const bool value = true; }
#endif // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (__stdcall*)()>
{ static const bool value = true; }

#ifndef _MANAGED

template <typename R>
struct is_unary_or_binary_function_impl<R (__fastcall*)()>
{ static const bool value = true; }
#endif

template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)()>
{ static const bool value = true; }

template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)(...)>
{ static const bool value = true; }
#endif
```
// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (*)(T0)>
{  static const bool value = true;  };

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (*)(T0...)>
{  static const bool value = true;  };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__stdcall*)(T0)>
{  static const bool value = true;  };

#ifndef _MANAGED

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__fastcall*)(T0)>
{  static const bool value = true;  };

#endif

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0)>
{  static const bool value = true;  };

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0...)>
{  static const bool value = true;  };

#endif

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (*)(T0, T1)>
{  static const bool value = true;  };

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (*)(T0, T1...)>
{  static const bool value = true;  };

#endif
template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__stdcall*)(T0, T1)>
{  static const bool value = true;  };

#endif // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__fastcall*)(T0, T1)>
{  static const bool value = true;  };

#ifndef _MANAGED

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0, T1)>
{  static const bool value = true;  };

#endif

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0, T1...)>
{  static const bool value = true;  };

#endif

template <typename T>
struct is_unary_or_binary_function_impl<T&>
{  static const bool value = false;  };

template<typename T>
struct is_unary_or_binary_function
{  static const bool value = is_unary_or_binary_function_impl<T>::value;   };

//boost::alignment_of yields to 10K lines of preprocessed code, so we
//need an alternative

template <typename T> struct alignment_of;

template <typename T>
struct alignment_of_hack
{  char c;
   T t;
   alignment_of_hack();
};

template <unsigned A, unsigned S>
struct alignment_logic
{  static const std::size_t value = A < S ? A : S;
};
template< typename T >
struct alignment_of
{
    static const std::size_t value = alignment_logic
        < sizeof(alignment_of_hack<T>) - sizeof(T)
          , sizeof(T)
        >::value;
};

template <typename T, typename U>
struct is_same
{
    typedef char yes_type;
    struct no_type
    {
        char padding[8];
    };

    template <typename V>
    static yes_type is_same_tester(V*, V*);
    static no_type is_same_tester(...);

    static T *t;
    static U *u;

    static const bool value = sizeof(yes_type) == sizeof(is_same_tester(t,u));
};

template<typename T>
struct add_const
{  typedef const T type;   };

template<typename T>
struct remove_const
{  typedef  T type;   };

template<typename T>
struct remove_const<const T>
{  typedef T type;   };

template<typename T>
struct remove_cv
{  typedef  T type;   };

template<typename T>
struct remove_cv<const T>
{  typedef T type;   };
template<typename T>
struct remove_cv<const volatile T>
{
    typedef T type;
};

template<typename T>
struct remove_cv<volatile T>
{
    typedef T type;
};

template<class T>
struct remove_reference
{
    typedef T type;
};

template<class T>
struct remove_reference<T&>
{
    typedef T type;
};

template<class Class>
class is_empty_class
{
    template<typename T>
    struct empty_helper_t1 : public T
    {
        empty_helper_t1();
        int i[256];
    };

    struct empty_helper_t2
    { int i[256]; }; // Empty helper for class

    public:
    static const bool value = sizeof(empty_helper_t1<Class>) == sizeof(empty_helper_t2);
};

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S>>1u)>::value);
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
template<>  
struct is_zeros<1>  
{  
    static const std::size_t value = 0;  
};  

} //namespace detail  
} //namespace intrusive  
} //namespace boost

#include <boost/intrusive/detail/config_end.hpp>

#endif //BOOST_INTRUSIVE_DETAIL_MPL_HPP

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//  
//////////////////////////////////////////////////////////////////////////////

#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
#define BOOST_INTERPROCESS_DETAIL_MPL_HPP

#if (defined _MSC_VER) && (_MSC_VER >= 1200)
    #pragma once
#endif

#include <cstddef>

namespace boost {
    namespace interprocess {
        namespace ipcdetail {

            template <class T, T val>
            struct integral_constant
            {
                static const T value = val;
                typedef integral_constant<T,val> type;
            };  

            template< bool C_ >
struct bool_: integral_constant<bool, C_>
{
    static const bool value = C_; 
};

typedef bool_<true>    true_;
typedef bool_<false>   false_; 

typedef true_  true_type;
typedef false_ false_type;

typedef char yes_type;
struct no_type
{
    char padding[8];
};

template <bool B, class T = void>
struct enable_if_c {
    typedef T type;
};

template <class T>
struct enable_if_c<T> {};

template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> {};

template <class Cond, class T = void>
struct disable_if : public enable_if_c<!Cond::value, T> {};

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; }; 
    static true_t dispatch(U);
    static false_t dispatch(...);
    static T trigger();
    public:
    static const bool value = sizeof(dispatch(trigger())) == sizeof(true_t); 
};

template<
    bool C
    , typename T1
    , typename T2
>
```cpp
struct if_c
{
    typedef T1 type;
};

template<
    typename T1
    , typename T2
>
struct if_c<false,T1,T2>
{
    typedef T2 type;
};

template<
    typename T1
    , typename T2
    , typename T3
>
struct if_
{
    typedef typename if_c<0 != T1::value, T2, T3>::type type;
};

template <class Pair>
struct select1st
//   : public std::unary_function<Pair, typename Pair::first_type>
{
    template<class OtherPair>
    const typename Pair::first_type& operator()(const OtherPair& x) const
    {  return x.first;   }

    const typename Pair::first_type& operator()(const typename Pair::first_type& x) const
    {  return x;   }
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
//   : public std::unary_function<T,T>
{
    typedef T type;
    const T& operator()(const T& x) const
    {  return x;   }
};

template<std::size_t S>
```
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

} //namespace ipcdetail {
} //namespace interprocess {
} //namespace boost {

#endif  //#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
struct integral_constant
{
    static const T value = val;
    typedef integral_constant<T,val> type;
};

template< bool C_>
struct bool_ : integral_constant<bool, C_>
{
    static const bool value = C_; 
    operator bool() const { return bool_::value; }
};

typedef bool_<true>        true_;
typedef bool_<false>       false_;

typedef true_  true_type;
typedef false_ false_type;

typedef char yes_type;
struct no_type
{
    char padding[8];
};

template <bool B, class T = void>
struct enable_if_c {
    typedef T type;
};

template <class T>
struct enable_if_c<false, T> {}
;

template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> {}
;

template <class Cond, class T = void>
struct disable_if : public enable_if_c<!Cond::value, T> {}
;

template <bool B, class T = void>
struct disable_if_c : public enable_if_c<!B, T> {}
;

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; }
    static true_t dispatch(U);
static false_t dispatch(...);
static T trigger();
public:
enum { value = sizeof(dispatch(trigger())) == sizeof(true_t) };
};

template<
    bool C
 , typename T1
 , typename T2
>
struct if_c
{
    typedef T1 type;
};

template<
    typename T1
 , typename T2
>
struct if_c<false,T1,T2>
{
    typedef T2 type;
};

template<
    typename T1
 , typename T2
 , typename T3
>
struct if_
{
    typedef typename if_c<0 != T1::value, T2, T3>::type type;
};

template <class Pair>
struct select1st
//   : public std::unary_function<Pair, typename Pair::first_type>
{
    template<class OtherPair>
    const typename Pair::first_type& operator()(const OtherPair& x) const
    { return x.first;  }

    const typename Pair::first_type& operator()(const typename Pair::first_type& x) const
    { return x;  }
};
// identity is an extension: it is not part of the standard.

template <class T>
struct identity
//   : public std::unary_function<T,T>
{
    typedef T type;
    const T& operator()(const T& x) const
    { return x; }
};

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

template <typename T> struct unvoid { typedef T type; };
template <> struct unvoid<void> { struct type { }; };
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]
All the value based traits in this library conform to MPL's requirements for an Integral Constant type, that includes a number of rather intrusive workarounds for broken compilers.

Purely as an implementation detail, this means that the true type inherits from:

 inherit from a href="/libs/mlp/doc/refmanual/bool.html" target="_top">boost</span><span class="identifier">mpl</span></a>&lt;/span&gt;&lt;span class="special">true_type</a>&lt;/span&gt;&lt;/code&gt;

 inherits from a href="/libs/mlp/doc/refmanual/bool.html" target="_top">boost</span>&lt;span class="special">true_type</a>&lt;/span&gt;&lt;/code&gt;

 inherits from a href="/libs/mlp/doc/refmanual/bool.html" target="_top">boost</span>&lt;span class="special">false_type</a>&lt;/span&gt;&lt;/code&gt;


All the value based traits in this library conform to MPL’s requirements for an [Integral Constant type]: that includes a number of
rather intrusive
workarounds for broken compilers.

Purely as an implementation detail, this
means that `__true_type` inherits from `boost::mpl::true_`
`__false_type` inherits
from `boost::mpl::false_`, and `__integral_constant<T, v>` inherits
from `boost::mpl::integral_c<T,v>` (provided `T` is not `bool`)

[endsect]

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<section id="date_time.license">
<title>Boost Date-Time Library License</title>
<bridgehead renderas="sect2">Boost Date-Time Library License</bridgehead>
<!--
<ulink url="../../../index.htm">
<imagedata align="left" format="GIF"
fileref="../../../boost.png" alt="C++ Boost" />
</ulink>--> 
<!--hr /-->

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xmlns:xsi="http://www.w3.org/2001/XInclude">
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Maybe this should pass?
This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in
HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

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

This package was debianized by Vladimir Prus <ghost@cs.msu.su> on Wed, 17 July 2002, 19:27:00 +0400.

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 *
 */

#include "licence_info.hpp"
#include "bcp_imp.hpp"
#include "fileview.hpp"
#include <fstream>
#include <iomanip>
#include <cstring>
#include <stdexcept>
#include <boost/lexical_cast.hpp>
#include <boost/filesystem/operations.hpp>
#include <boost/throw_exception.hpp>

//
// split_path is a small helper for outputting a path name,
// complete with a link to that path:
//
struct split_path
{
    const fs::path& root;
    const fs::path& file;
    split_path(const fs::path& r, const fs::path& f)
        : root(r), file(f) {}
private:
    split_path& operator=(const split_path&);
};

std::ostream& operator << (std::ostream& os, const split_path& p)
{
    os << "<a href="" << (p.root / p.file).string() << "">"" << p.file.string() << ""/>"";
    return os;
}

std::string make_link_target(const std::string& s)
{
    // convert an arbitrary string into something suitable
    // for an <a> name:
    std::string result;
    for(unsigned i = 0; i < s.size(); ++i)
    {
        result.append(1, static_cast<std::string::value_type>(std::isalnum(s[i]) ? s[i] : '_'));
    }
    return result;
}

void bcp_implementation::output_license_info()
{
    std::pair<const license_info*, int> licenses = get_licenses();

    std::map<int, license_data>::const_iterator i, j;
    i = m_license_data.begin();
    j = m_license_data.end();

    std::ofstream os(m_dest_path.string().c_str());
    if(!os)
    {
        std::string msg("Error opening ");
msg += m_dest_path.string();
msg += " for output."
std::runtime_error e(msg);
boost::throw_exception(e);
}

os <<
"<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<html>
<head>
<title>Boost Licence Dependency Information</title>
</head>
<body>
<H1>Boost Licence Dependency Information</H1>

if(m_module_list.size() == 1)
{
    os << " for " << *(m_module_list.begin());
}

os <<
"</H1>\n"
"<H2>Contents</h2>\n"
"<pre><a href="#input">Input Information</a>
"
if(!m_bsl_summary_mode)
    os << "<a href="#summary">Licence Summary</a>
";
    os << "<a href="#details">Licence Details</a>
";
while(i != j)
{
    // title:
    os << " <A href="#" make_link_target(licenses.first[i->first].license_name) \n";</n    ++i;
}

os << "<a href="#files">Files with no recognised license</a>\n"
"<a href="#authors">Files with no recognised copyright holder</a>\n";
if(!m_bsl_summary_mode)
{ os <<
    "Moving to the Boost Software License...\n"
    " <a href="#bsl-converted">Files that can be automatically converted to the Boost Software License</a>\n"
    " <a href="#to-bsl">Files that can be manually converted to the Boost Software License</a>\n"
    " <a href="#not-to-bsl">Files that can <b>NOT</b> be moved to the Boost Software License</a>\n";
Authors we need to move to the Boost Software License

Copyright Holder Information

File Dependency Information

// input Information:

// Input Information:

if(m_scan_mode)
    os << "The following files were scanned for boost dependencies:
else
    os << "The following Boost modules were checked:

std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while(si != sj)
{
    os << *si << "\n"
    ++si;
}

os << "\nThe Boost path was: <code>" << m_boost_path.string() << "</code>\n";

// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):

fileview version_file(m_boost_path / "boost/version.hpp");
static const boost::regex version_regex("[[:blank:]]*\#define[[:blank:]]+BOOST_VERSION[[:blank:]]+([\d+])");
boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex))
{
    int version = boost::lexical_cast<int>(what.str(1));
    os << "\nThe Boost version is: " << version / 100000 << "." << version / 100 % 100 << "." << version % 100
    << "\n";
}

// output each license:

i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
{
}
// start with the summary:
//
os << "<a name="summary"></a><h2>Licence Summary</h2>
";
while(i != j)
{
    // title:
os << "<H3>" << licenses.first[i->first].license_name << "</H3>";
// license text:
os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
// Copyright holders:
os << "<P>This license is used by " << i->second.authors.size() 
    << " authors and " << i->second.files.size() 
    << " files <a href="#" >> make_link_target(licenses.first[i->first].license_name) << "">(see details)</a>";
os << "<P></BLOCKQUOTE>";
++i;
}
//
// and now the details:
//
i = m_license_data.begin();
j = m_license_data.end();
int license_index = 0;
os << "<a name="details"></a><h2>Licence Details</h2>
";
while(i != j)
{
    // title:
os << "<H3><A name="" << make_link_target(licenses.first[i->first].license_name) 
    << ">"></a>" << licenses.first[i->first].license_name << "</H3>";
// license text:
os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
if(lm_bsl_summary_mode || (license_index >= 3))
{
    // Copyright holders:
os << "<P>This license is used by the following " << i->second.authors.size() << " copyright 
        holders:
"; std::set< std::string >::const_iterator x, y; x = i->second.authors.begin(); y = i->second.authors.end(); while(x != y)
{
    os << *x << "<BR>";
    ++x;
}
os << "</P></BLOCKQUOTE>";
// Files using this license:
This license applies to the following files:

```
std::set<fs::path, path_less>::const_iterator m, n;
m = i->second.files.begin();
n = i->second.files.end();
while(m != n)
{
    os << split_path(m_boost_path, *m) << "<br">
    ++m;
}
```

This license applies to the following files:

```
std::set<fs::path, path_less>::const_iterator m, n;
m = i->second.files.begin();
n = i->second.files.end();
while(m != n)
{
    os << split_path(m_boost_path, *m) << "<br>
    ++m;
}
```

This license is used by authors (list omitted for brevity):
Files that can be automatically converted to the Boost Software License

Files that could be converted to the Boost Software License, but have not yet been:

Files that cannot be converted to the Boost Software License
"<P>The following " << m_cannot_migrate_to_bsl.size() << " files cannot be converted to the Boost Software License because we need the permission of more authors:
</P><BLOCKQUOTE><P>

i2 = m_cannot_migrate_to_bsl.begin();
j2 = m_cannot_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>
    ++i2;
}
os << "</p></BLOCKQUOTE>

// Output list of authors that we need permission for to move to the BSL
//
os << "ch2<name="need-bsl-authors"></a>Authors we need for the BSL</h2><n>
"<P>Permission of the following authors is needed before we can convert to the Boost Software License. The list of authors that have given their permission is contained in <code>more/blanket-permission.txt</code></P><BLOCKQUOTE><P>

std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
    std::ostream_iterator<std::string>(os, "<br>
    os << "</p></BLOCKQUOTE>

// output a table of copyright information:
//
os << "<H2><a name="copyright"></a>Copyright Holder Information</H2><table border="1" cellspacing="0" width="100%" cellpadding="5">
std::map<std::string, std::set<fs::path, path_less> >::const_iterator ad, ead;
ad = m_author_data.begin();
ead = m_author_data.end();
while(ad != ead)
{
    os << "<tr><td>" << ad->first << "</td><td>
    std::set<fs::path, path_less>::const_iterator fi, efi;
    fi = ad->second.begin();
    efi = ad->second.end();
    while(fi != efi)
    {
        os << split_path(m_boost_path, *fi) << " 
        ++fi;
    }
os << "</td></tr><n>
    +ad;
}
os << "</table><n">

// output file dependency information:
//
os << "<H2><a name="depend"></a>File Dependency Information</H2><BLOCKQUOTE><pre>

std::map<fs::path, fs::path, path_less>::const_iterator dep, last_dep;
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = m_copy_paths.begin();
efi = m_copy_paths.end();
// if in summary mode, just figure out the "bad" files and print those only:
std::set<fs::path, path_less> bad_paths;
if(m_bsl_summary_mode)
{
    bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
    bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
    bad_paths.insert(m_can_migrate_to_bsl.begin(), m_can_migrate_to_bsl.end());
    bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
    typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
      ::const_iterator conv_iterator;
    conv_iterator i = m_converted_to_bsl.begin(),
      ie = m_converted_to_bsl.end();
    while(i != ie)
    {
        bad_paths.insert(i->first);
        ++i;
    }
    fi = bad_paths.begin();
efi = bad_paths.end();
os << "<P>For brevity, only files not under the BSL are shown</P>\n";
}
while(fi != efi)
{
    os << split_path(m_boost_path, *fi);
    dep = m_dependencies.find(*fi);
    last_dep = m_dependencies.end();
    std::set<fs::path, path_less> seen_deps;
    if (dep != last_dep)
    {
        while(true)
        {
            os << " - > ";
            if(fs::exists(m_boost_path / dep->second))
                os << split_path(m_boost_path, dep->second);
            else if(fs::exists(dep->second))
                os << split_path(fs::path(), dep->second);
            else
                os << dep->second.string();
            if(seen_deps.find(dep->second) != seen_deps.end())
            {
                os << "<I>(Circular dependency!)</I>";
                break; // circular dependency!!!
            }
            seen_deps.insert(dep->second);
            last_dep = dep;
        }


dep = m_dependencies.find(dep->second);
if((dep == m_dependencies.end()) || (0 == compare_paths(dep->second, last_dep->second)))
    break;
}
os << "\n";
++fi;
}
os << "</pre></BLOCKQUOTE>\n";

os << "</body></html>\n";

if(!os)
{
    std::string msg("Error writing to ");
    msg += m_dest_path.string();
    msg += ": ";
    std::runtime_error e(msg);
    boost::throw_exception(e);
}

Index: boost/mpl/print.hpp
===================================================================
--- boost/mpl/print.hpp (revision 83411)
+++ boost/mpl/print.hpp (working copy)
@@ -45,22 +45,21 @@
    #if defined(BOOST_MSVC)
        enum { n = sizeof(T) + -1 }
    #else
-        #if defined(__EDG_VERSION__)  
        aux::dependent_unsigned<T>::value > -1
-#else
-            sizeof(T) > -1
-#endif
+        #elif defined(__EDG_VERSION__)  
+            aux::dependent_unsigned<T>::value > -1
+    #endif
+    #endif
    
    #if defined(BOOST_MSVC)  
        enum { n = sizeof(T) + -1 }
    #else
-        #if defined(__EDG_VERSION__)  
-            aux::dependent_unsigned<T>::value > -1
-#else
-            sizeof(T) > -1
-#endif
    #endif
    
    + #elif defined(__EDG_VERSION__)  
    +     enum { n = aux::dependent_unsigned<T>::value > -1 };

+#elif defined(BOOST_GCC)
+    enum { n1 };
+    enum { n2 };
+    enum { n = n1 != n2 };  
+#endif
+    enum { n = sizeof(T) > -1 }; 
+#endif

#if defined(BOOST_MSVC)

1.17 btrfs-progs 4.9.1 :1.el7
1.17.1 Available under license:

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405
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554
/* CMU libsasl
 * Tim Martin
 * Rob Earhart
 * Rob Siemborski
 */

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1.38 cyrus-sasl 2.1.26 :20.el7_2

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 * Rob Earhart
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1.39 deltarm 3.6 :3.el7

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**1.41 dmidecode 3.0 :2.1.el7_3**

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1.55 gawk 4.0.2 :4.el7_3.1

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Thus, it is not the intent of this section to claim rights or contest
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1.59 git 1.8.3.1 :6.el7_2.1

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790

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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 Library into a program that is not a library.

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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.

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

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1.69 grubby 8.28 :21.el7_3
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1.71 icu 50.1.2 :15.el7

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

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

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

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

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

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

## Shared object suffix
SO = so
```
## Non-shared intermediate object suffix

STATIC_O = ao

## Compilation rules

%.%(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

$(RM) $@ && ln -s ${<F} $@

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

## End FreeBSD-specific setup

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

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

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

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

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

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

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.%$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.%$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<

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

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

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$SHELL -ec '$(GEN_DEPS.cc) $< \

## 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) $@

## End FreeBSD-specific setup

### 1.73 initscripts 9.49.37 :1.el7_3.1

### 1.74 iotop 0.6 :2.el7

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1.78 jq 1.5 :1.el7

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

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 Library into a program that is not a library.

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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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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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single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a
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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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lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
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kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
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```python
lib/gssapi/generic/gssapi_err_generic.c
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
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and the initial implementation of incremental propagation, including
the following new or changed files:

```python
#include/iprop_hdr.h
/kadmin/server/ipropd_svc.c
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in `src/lib/gssapi`, including the following files:

.. parsed-literal::

    lib/gssapi/generic/gssapi_err_generic.et
    lib/gssapi/mechglue/g_accept_sec_context.c
    lib/gssapi/mechglue/g_acquire_cred.c
    lib/gssapi/mechglue/g_canon_name.c
    lib/gssapi/mechglue/g_compare_name.c
    lib/gssapi/mechglue/g_context_time.c
    lib/gssapi/mechglue/g_delete_sec_context.c
    lib/gssapi/mechglue/g_dsp_name.c
    lib/gssapi/mechglue/g_dsp_status.c
    lib/gssapi/mechglue/g_dup_name.c
    lib/gssapi/mechglue/g_exp_sec_context.c
    lib/gssapi/mechglue/g_export_name.c
    lib/gssapi/mechglue/g_glue.c
    lib/gssapi/mechglue/g_imp.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
slave/kpropd_rpc.c
slave/kproplog.c
```

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import os
import sys
import re

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

def indicates_license(line):

return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

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

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1
    # Check filename comment if present.
    m = re.match(r'/\* ([^ ]*) (- .*)? */', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1
    # Scan for license statements.
    in_comment = False
    code_seen = False
    nonlicense_seen = False
    for line in lines[ln:]:
        # Strip out whitespace and comments contained within a line.
        if not in_comment:
            line = re.sub(r'\s*\*\s*|\*\s*\*\s*/', '', line)
        line = line.strip()
        if not in_comment and '/\*\* in line:
            (line, sep, comment_part) = line.partition('/\*\*')
        comment = [comment_part.strip()]
comment_starts_at = ln
in_comment = True
elif in_comment and "*/" not in line:
    comment.append(line.lstrip("*").lstrip())
elif in_comment:
    (comment_part, sep, line) = line.partition("*/")
    comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at, code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
elif line.strip() != "":
    code_seen = True
ln += 1

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

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1.82 krb5 1.14.1 :27.el7_3

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

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

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1.95 libsemanage 2.5 :5.1.el7_3

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

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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.

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

@end enumerate

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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@end enumerate

@end enumerate

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Version 3, 29 June 2007

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1.103 libyaml 0.1.4 :11.el7_0
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Here is a list of the main contributors to lm-sensors version 3.

* Frodo Looijaard
  Original author of libsensors, sensors-detect, sensors and isadump.
* Merlin Hughes
  Original author of sensord.
* Bob Schlaermann
  Dynamic chip feature detection (a.k.a. generic chip support) in libsensors and sensors.
* Mark M. Hoffman
  Many improvements to the libsensors configuration file scanner.
* Jean Delvare
  New libsensors API, and migration of sensors and sensord thereto.
  Many optimizations in libsensors and sensors.
  Configuration file converter.
  Rewrite of sensors-detect.
  Support for multiple configuration files in libsensors.

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Appendix -- Sample Code

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== MariaDB ==

The Debian package of MySQL was first debianzed on 1997-04-12 by Christian Schwarz <schwarz@debian.org> and is maintained since 1999-04-20 by Christian Hammers <ch@debian.org>.

The MariaDB packages were initially made by http://ourdelta.org, and are now managed by the MariaDB development team, maria-developers@lists.launchpad.net

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Version 3, 19 November 2007

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

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</table>

# # # Variable Name: license # #
# Scope: Global #
# Access Type: Static #
# Data Type: string #
# #
# Creation Date: 2008-02-07 #
# Author : Sharique Abdullah #
# #
# Description: Test Cases of Dynamic System Variable license #
# that checks the behavior of this variable in the following ways #
# * Value Check #
# Scope Check


---

```
#---------------------BS_STVARS_040_01----------------------#
SELECT COUNT(@@GLOBAL.license);
```

```
--echo '#---------------------BS_STVARS_040_01----------------------#'  
# Displaying default value
SELECT COUNT(@@GLOBAL.license);
```

```
--error ER_INCORRECT_GLOBAL_LOCAL_VAR
SET @@GLOBAL.license=1;
```

```
--echo ' #---------------------BS_STVARS_040_02----------------------#'  
# Check if Value can set
SELECT COUNT(@@GLOBAL.license);
```

```
--echo ' #---------------------BS_STVARS_040_03----------------------#'  
# Check if the value in GLOBAL Table matches value in variable
SELECT @@GLOBAL.license = VARIABLE_VALUE
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
```

```
--echo ' #---------------------BS_STVARS_040_03----------------------#'  
SELECT COUNT(VARIABLE_VALUE)
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
```

```
--echo 1 Expected
```

```
--echo 1 Expected
```

```
SELECT COUNT(@@GLOBAL.license);
```

```
SELECT COUNT(VARIABLE_VALUE)
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
```

```
--echo 1 Expected
```

```
SELECT COUNT(@@GLOBAL.license);
```

```
SELECT COUNT(VARIABLE_VALUE)
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
```

```
--echo 1 Expected
```
--echo '#---------------------BS_STVARS_040_04----------------------#'
# Check if accessing variable with and without GLOBAL point to same variable #
SELECT @@license = @@GLOBAL.license;
--echo 1 Expected

--echo '#---------------------BS_STVARS_040_05----------------------#'
# Check if license can be accessed with and without @@ sign          #
SELECT COUNT(@@license);
--echo 1 Expected

--Error ER_INCORRECT_GLOBAL_LOCAL_VAR
SELECT COUNT(@@local.license);
--echo Expected error 'Variable is a GLOBAL variable'

--Error ER_INCORRECT_GLOBAL_LOCAL_VAR
SELECT COUNT(@@SESSION.license);
--echo Expected error 'Variable is a GLOBAL variable'

SELECT COUNT(@@GLOBAL.license);
--echo 1 Expected

--Error ER_BAD_FIELD_ERROR
SELECT license = @@SESSION.license;
--echo Expected error 'Readonly variable'

'#:---------------------BS_STVARS_040_01----------------------#'  
SELECT COUNT(@@GLOBAL.license);
1
1 Expected

'#:---------------------BS_STVARS_040_02----------------------#'  
SET @@GLOBAL.license=1;
ERROR HY000: Variable 'license' is a read only variable
Expected error 'Read only variable'
SELECT COUNT(@@GLOBAL.license);
1
1 Expected

'#:---------------------BS_STVARS_040_03----------------------#'  
SELECT @@GLOBAL.license = VARIABLE_VALUE

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1650
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
@@GLOBAL.license = VARIABLE_VALUE
1
1 Expected
SELECT COUNT(@@GLOBAL.license);
COUNT(@@GLOBAL.license)
1
1 Expected
SELECT COUNT(VARIABLE_VALUE)
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
COUNT(VARIABLE_VALUE)
1
1 Expected
'#---------------------BS_STVARS_040_04----------------------#
SELECT @@license = @@GLOBAL.license;
@@license = @@GLOBAL.license
1
1 Expected
'#---------------------BS_STVARS_040_05----------------------#
SELECT COUNT(@@license);
COUNT(@@license)
1
1 Expected
SELECT COUNT(@@local.license);
ERROR HY000: Variable 'license' is a GLOBAL variable
Expected error 'Variable is a GLOBAL variable'
SELECT COUNT(@@SESSION.license);
ERROR HY000: Variable 'license' is a GLOBAL variable
Expected error 'Variable is a GLOBAL variable'
SELECT COUNT(@@GLOBAL.license);
COUNT(@@GLOBAL.license)
1
1 Expected
SELECT license = @@SESSION.license;
ERROR 42S22: Unknown column 'license' in 'field list'
Expected error 'Readonly variable'
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cmake-2.4.8/Utilities/cmtar/compat/gethostname.c:
gethostname.c: minimal substitute for missing gethostname() function created 2000-Mar-02 jmk requires SVR4 uname() and -lc

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---------------------------------------------
cmake-2.4.8/Utilities/cmzlib/zlib.h:
zlib.h -- interface of the 'zlib' general purpose compression library
version 1.1.4, March 11th, 2002

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--------------------------------------------------
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cmake-2.4.8/Source/CTest/Curl/inet_pton.c:
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Each location in the database represents a national region where all clocks
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or ocean and then by the name of the location, which is typically the largest
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mountain time without daylight saving time (DST); America/Detroit represents
most of Michigan, which uses eastern time but with different DST rules in 1975;
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switched from central to eastern time in 1991 and switched back in 2006. To use
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where C is the code's version; similarly, the data are in tzdata*.tar.gz, where
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GNU/Linux or similar host; see the downloaded README file for what to do next.

```
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gzip -dc tzcode*.tar.gz | tar -xf -
gzip -dc tzdata*.tar.gz | tar -xf -
```
The code lets you compile the tz source files into machine-readable binary files, one for each location. It also lets you read a tz binary file and interpret time stamps for that location.

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PCRE (Perl-compatible regular expression library)

THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel
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is in the file NMAP_MODIFICATIONS.
http://code.google.com/p/libdnet/
o PCRE: Perl-compatible regular expressions. PCRE is part of Nmap's
version detection and is also made available as an NSE library.
Distributed with Nmap in the libpcre subdirectory.
http://www.pcre.org/
o liblua: Lua programming language. Lua is the implementation language
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subdirectory. liblua can be omitted by configuring with the
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http://www.lua.org/
o OpenSSL: Cryptographic library. OpenSSL is used by service detection
and by NSE to connect to SSL services. NSE also provides access to
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can be disabled by configuring with the --without-openssl
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http://www.openssl.org/
o LIBLINEAR. Used for IPv6 OS classification.
http://www.csie.ntu.edu.tw/~cjlin/liblinear/
o libsvn. The Subversion library, used by the updater program

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o WinPcap: libpcap for Windows. The libpcap license applies to WinPcap,
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o Python. The binary distributions of Nmap include a Python interpreter
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o GLib, GTK+, ATK, Pango: These libraries are licensed under the GNU
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http://www.gtk.org/
o Cairo: graphics library. Dual-licensed under the GNU LGPL 2.1 and the
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o Expat: XML parser library.
   http://expat.sourceforge.net/
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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions.

THE BASIC LIBRARY FUNCTIONS
-------------------------------

Written by: Philip Hazel
Email local part: ph10
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# This file contains a list of people who've made non-trivial contribution to the Google C++ Testing Framework project. People who commit code to the project are encouraged to add their names here. Please keep the list sorted by first names.

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3. [3] Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
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
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13. [14] Steve Clift <clift@ml.csiro.au> OMEGA clock driver
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31. [34] Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
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33. [36] Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
34. [37] Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
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41. [44] Derek Mulcahy <derek@toybox.demon.co.uk> and [45] Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
42. [46] Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
43. [47] Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
44. [48] Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
45. [49] Wilfredo Sanchez <wsanchez@apple.com> added support for NetInfo
46. [50] Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
47. [51] Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
48. [52] Ray Schnitzler <schnitz@unipress.com> Unixware1 port
49. [53] Michael Shields <shields@tembel.org> USNO clock driver
50. [54] Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
51. [55] Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
52. [56] Kenneth Stone <ken@sdd.hp.com> HP-UX port
53. [57] Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast
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54. [58] Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
55. [59] Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
56. [60] Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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1.128 openssl 1.0.1e :60.el7_3.1

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

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1.133 perl 5.16.3 :292.el7

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From f5488561bdaab57380bf07e8e66778503a41aca3 Mon Sep 17 00:00:00 2001
From: Father Chrysostomos <sprout@cpan.org>
Date: Sun, 23 Sep 2012 12:42:15 -0700
Subject: [PATCH] =?UTF-8?q?Don=E2=80=99t=20leak=20if=20hh=20copying=20dies?==
MIME-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 8bit

When %^H is copied on entering a new scope, if it happens to have been tied it can die. This was resulting in leaks, because no protections
were added to handle that case.

The two things that were leaking were the new hash in hv_copy_hints_hv and the new value (for an element) in newSVsv.

By fixing newSVsv itself, this also fixes any potential leaks when other pieces of code call newSVsv on explosive values.

Petr Pisar: Ported to 5.16.3

---

hv.c | 6 ++++++
sv.c | 7 +++++--
t/op/svleak.t | 22 +++++++++++++++++++++-
3 files changed, 31 insertions(+), 4 deletions(-)

diff --git a/hv.c b/hv.c
index 3c35341..29d6352 100644
--- a/hv.c
+++ b/hv.c
@@ -1440,6 +1440,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
 const I32 riter = HvRITER_get(ohv);
- ENTER;
+ ENTER;
+ SAVEFREESV(hv);
+ while (hv_max && hv_max + 1 >= hv_fill * 2)
+   hv_max = hv_max / 2;
 HvMAX(hv) = hv_max;
@@ -1461,6 +1464,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
} HvRITER_set(ohv, riter);
 HvEITER_set(ohv, eiter);
+ SvREFCNT_inc_simple_void_NN(hv);
+ LEAVE;
+ }
+ hv_magic(hv, NULL, PERL_MAGIC_hints);
 return hv;

diff --git a/sv.c b/sv.c
index a43feac..597d71b 100644
--- a/sv.c
+++ b/sv.c
@@ -8764,11 +8764,12 @@ Perl_newSVsv(pTHX_ register SV *const old)
 Perl_ck_warner_d(aTHX_ packWARN(WARN_INTERNAL), "semi-panic: attempt to dup freed string");
 return NULL;
+ */ Do this here, otherwise we leak the new SV if this croaks. */
/* SV_GMAGIC is the default for sv_setv() */
/* SV_NOSTEAL prevents TEMP buffers being, well, stolen, and saves games */
sv_setsv_flags(sv, old, SV_GMAGIC | SV_NOSTEAL);

sv_setsv_flags(sv, old, SV_NOSTEAL);

return sv;


diff --git a/t/op/svleak.t b/t/op/svleak.t
index 2f09af3..011c184 100644
--- a/t/op/svleak.t
+++ b/t/op/svleak.t
@@ -13,7 +13,7 @@ BEGIN {
 or skip_all("XS::APItest not available");
 }

-plans tests => 23;
+plans tests => 24;

# run some code N times. If the number of SVs at the end of loop N is
# greater than (N-1)*delta at the end of loop 1, we've got a leak
@@ -176,3 +176,23 @@ leak(2, 0, sub {
 each %$h;
 undef $h;
 }, 'tied hash iteration does not leak');
+
+$# [perl #107000]
+package hhtie {
+  sub TIEHASH { bless [] }
+  sub STORE { $_[0][0]{$_[1]} = $_[2] }
+  sub FETCH { die if $explosive; $_[0][0]{$_[1]} }
+  sub FIRSTKEY { keys %{$_[0][0]}; each %{$_[0][0]} }
+  sub NEXTKEY { each %{$_[0][0]} }
+}
+leak(2,!!$Config{mad}, sub {
+  eval q`
+      BEGIN {
+        $hhtie::explosive = 0;
+        tie %$H, hhtie;
+        $/H{foo} = bar;
+        $hhtie::explosive = 1;
+      }
+      { 1; }
+      `;
+    }, 'hint-hash copying does not leak');


---

1.8.1.4

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

use strict;
use lib '/lib';
use MBTest;
use DistGen;

plan 'no_plan';

# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');

# Create test distribution
{
    my $dist = DistGen->new(
        name => 'Simple::Name',
        version => '0.01',
        license => 'perl',
    );

    $dist->regen;
    $dist->chdir_in;

    my $mb = $dist->new_from_context();
    isa_ok( $mb, "Module::Build" );
    is( $mb->license, 'perl',
        "license 'perl' is valid"
    );

    my $meta = $mb->get_metadata( fatal => 0 );

    is( $meta->{license} => 'perl', "META license will be 'perl'" );
    is( $meta->{resources}{license}, "http://dev.perl.org/licenses/",
        "META license URL is correct"
    );
}

{
    my $dist = DistGen->new(
        name => 'Simple::Name',
        version => '0.01',
        license => 'VaporWare',
    );

    $dist->regen;
    $dist->chdir_in;

    my $mb = $dist->new_from_context();
    isa_ok( $mb, "Module::Build" );
    is( $mb->license, 'VaporWare',
        "license 'VaporWare' is valid"
    );

    my $meta = $mb->get_metadata( fatal => 0 );

    is( $meta->{license} => 'unrestricted', "META license will be 'unrestricted'" );
    is( $meta->{resources}{license}, "http://example.com/vaporware/",
        "META license URL is correct"
    );
}
This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

abstract: 'Build and install Perl modules'

author:
- 'Ken Williams <kwilliams@cpan.org>,'
- "Development questions, bug reports, and patches should be sent to the Module-Build mailing list at <module-build@perl.org>.

buildRequires:
- File::Temp: 0.15
- Test::Harness: 3.16
- Test::More: 0.49

generated_by: 'Module::Build version 0.3608'

license: gpl

meta-spec:
url: http://module-build.sourceforge.net/META-spec-v1.4.html
version: 1.4

name: Module-Build

resources:
- MailingList: mailto:module-build@perl.org
- license: http://dev.perl.org/licenses/
- repository: http://github.com/dagolden/module-build/

version: 3

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1.134.1 Available under license:
From RPM File Metadata:GPL+ or Artistic

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1.137 perl-constant 1.27 :2.el7
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<signature of Ty Coon>, 1 April 1989
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1.165 perl-Scalar-List-Utils 1.27 :248.el7
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>
> Will do in next version.
>
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>
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--
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1.173 perl-Text-ParseWords 3.29 :4.el7
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From: "Alexandr Ciornii via RT" <bug-Text-ParseWords@rt.cpan.org>
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```

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yes

--
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program.

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    <signature of Ty Coon>, 1 April 1989  
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1.183 polkit 0.112 :12.el7_3
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1.184 python-boto 2.45.0 :3.el7

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1.185 python-cffi 1.6.0 :5.el7

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1.190 python-crypto 2.6.1 :13.el7
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PyCrypto Code Submission Requirements - Rev. C

Last updated: 2009-02-28

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1.192 python-ecdsa 0.13 :4.el7

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1.193 python-enum34 1.0.4 :1.el7

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1.206 python-kitchen 1.1.1 :5.el7

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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 (see http://www.digicool.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. Digital Creations is a sponsoring member of the PSF.

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1.210 python-lxml 3.2.1 :4.el7

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1.211 python-lxml/GPLv2 3.2.1 :4.el7

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1.212 python-lxml_PSFv2.x 3.2.1 :4.el7

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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 (see http://www.digicool.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. Digital Creations is a sponsoring member of the PSF.

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1.216 python-paramiko 2.0.0 :1.el7

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1.217 python-pillow 2.0.0 :19.gitd1c6db8.el7
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1.220 python-progressbar 2.3 :4.el7

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1.221 python-psutil 5.0.1 :2.el7

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1.224 python-pycparser 2.14 :1.el7

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1.230 python-requests 2.6.0 :1.el7_1

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Contributions to the urllib3 project

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In chronological order:

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

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

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

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

* p.dobrogost <http://code.google.com/u/@WBRSRlBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
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* georgemarshall <http://github.com/georgemarshall>
  * Bugfixes, Improvements and Test coverage

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  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
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* studer <theo.studer@gmail.com>
  * IPv6 url support and test coverage

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

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification
* Cory Benfield <http://lukasa.co.uk/about/>
* Stream method for Response objects.
* Return native strings in header values.
* Generate 'Host' header when using proxies.

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* Fixed a race condition

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* Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
* Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
* Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
* Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
* HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
* Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <http://dbrgn.ch/>
* Disabled TLS compression by default on Python 3.2+
* Disabled TLS compression in pyopenssl contrib module
* Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
* Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
* Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
* HTTPHeaderDict and associated tests and docs
* Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
* Added Timeout examples in docs
* Arthur Grunseid <http://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Jon Wayne Parrott <jonwayne@google.com>
  * App Engine environment tests.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.
* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

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

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

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

* Jesse Shapiro <jesse@jesseshapiro.net>
  * Working on encoding unicode header parameter names
  * Making setup.py resilient to ASCII locales

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]

1.238 python-urllib3 1.10.2 :2.el7_1

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# Contributions to the urlib3 project

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## Contributors

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

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

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

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

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
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  * Bugfixes, Improvements and Test coverage

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  * Python 3 support

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  * IPv6 url support and test coverage

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  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
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### 1.239 pytz 2012d :5.el7

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1.242 qemu-kvm 1.5.3 :126.el7_3.6

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2304
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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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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

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

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   b) 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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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.

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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.

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Appendix: How to Apply These Terms to Your New Libraries

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

That's all there is to it!

1.245 rsync 3.0.9 :17.el7
1.245.1 Available under license:

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year>  <name of author>

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

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

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
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proprietary programs.  If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
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Public License instead of this License.
1.250 setools 3.3.8 :1.1.el7

1.250.1 Available under license:

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Version 2.1, February 1999

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

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

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

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

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

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

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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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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.

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

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

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

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
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However, linking a "work that uses the Library" with the Library
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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
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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.

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   c) 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.)

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releases altogether.)

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1.264 util-linux 2.23.2 :33.el7_3.2
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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout---------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
-------------------
Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout---------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux
-------------------

Create 2st primary partition
l1beb87248e056e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8d51a88a5045db233418dd73fbe bsd.img

---layout---------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
Disk label type: dos  
Disk identifier: 0x00000000

<table>
<thead>
<tr>
<th>Device</th>
<th>Boot</th>
<th>Start</th>
<th>End</th>
<th>Blocks</th>
<th>Id</th>
<th>System</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ts_dev__1</td>
<td></td>
<td>2048</td>
<td>4095</td>
<td>1024</td>
<td>83</td>
<td>Linux</td>
</tr>
<tr>
<td>__ts_dev__2</td>
<td></td>
<td>4096</td>
<td>20479</td>
<td>8192</td>
<td>a5</td>
<td>FreeBSD</td>
</tr>
</tbody>
</table>

Create default BSD  
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.  
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsise bsize cpg]  
c: 4096 20479 16384 unused 0 0  
d: 0 16064 16065 unused 0 0

BSD disklabel command (m for help):
Command (m for help):

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.  
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsise bsize cpg]  
a: 4096 6144 2049 4.2BSD 0 0 0  
c: 4096 20479 16384 unused 0 0  
d: 0 16064 16065 unused 0 0
Changes will remain in memory only, until you decide to write them. Be careful before using the write command.

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1.265 vim 7.4.160 :1.el7_3.1

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

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

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

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

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

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

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

*donate*

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

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

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

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

If you have any further questions, send me e-mail: <Bram@vim.org>.
The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

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

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

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

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

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

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift
code and IBAN number.
Any other method should work. Ask for information about sponsorship.

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

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

Address to send checks to:
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Finsterruethof 1
8134 Adliswil
Switzerland

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vim:tw=78:ts=8:ft=help:norl:
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1.270 yum 3.4.3 :154.el7.centos

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diff --git a/yum/update_md.py b/yum/update_md.py
--- a/yum/update_md.py2015-01-19 07:44:35.567107008 -0500
@@ -398,6 +399,9 @@ class UpdateMetadata(object):
       except Errors.RepoMDError:
           continue # No metadata found for this repo
+
+    self.arch_storage = ArchStorage()
+    self.archlist = self.arch_storage.archlist
+
    def get_notices(self, name=None):
        """ Return all notices. """
        if name is None:
@@ -434,16 +438,29 @@ class UpdateMetadata(object):
             name = oldpkgtup[0]
             arch = oldpkgtup[1]
             ret = []
+            other_arch_list = []
+            notices = set()
            for notice in self.get_notices(name):
                for upkg in notice['pkglist']:
                    for pkg in upkg['packages']:
                        other_arch = False
                        if pkg['name'] != name or pkg['arch'] != arch:
                            continue
                        if (notice not in notices and pkg['name'] == name and pkg['arch'] in self.archlist):
                            other_arch = True
                        else:
                            continue
                        pkgtup = (pkg['name'], pkg['arch'], pkg['epoch'] or '0',
                                  pkg['version'], pkg['release'])
                        if _rpm_tup_vercmp(pkgtup, oldpkgtup) <= 0:
                            continue
ret.append((pkgtup, notice))
+            if other_arch:
+                other_arch_list.append((pkgtup, notice))
+            else:
+                ret.append((pkgtup, notice))
+                notices.add(notice)
+        for pkgtup, notice in other_arch_list:
+            if notice not in notices:
+                ret.append((pkgtup, notice))
+        ret.sort(cmp=_rpm_tup_vercmp, key=lambda x: x[0], reverse=True)
+    return ret

diff -up yum-3.4.3/yum/update_md.py.old yum-3.4.3/yum/update_md.py
+++ yum-3.4.3/yum/update_md.py2015-05-28 19:24:05.971806965 +0200
@@ -33,6 +33,7 @@ import Errors
import logginglevels
+from rpmUtils.arch import ArchStorage

def safe_iterparse(filename, logger=None):
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diff -up yum-3.4.3/yum/update_md.py.org yum-3.4.3/yum/update_md.py
--- yum-3.4.3/yum/update_md.py.org 2017-01-24 18:55:03.529842775 +0100
@@ -58,7 +58,7 @@
     def __init__(self, elem=None):
         self._md = {
             'from'   : '',
             'type'   : '',
@@ -83,6 +83,9 @@
     if elem:
         self._parse(elem)
+    self._repoid = repoid
+    self._vlogger = vlogger
+
    def __getitem__(self, item):
        """ Allows scriptable metadata access (ie: un['update_id']). """
        if type(item) is int:
Open Source Used In CSCOlxplat-CentOS 7.4.20180129

@@ -103,6 +106,24 @@ class UpdateNotice(object):
    # Tests to see if it's "the same data", which means that the
    # packages can be different (see add_notice).
    +        def _rid(un):
    +            if hasattr(un, '_repoid') and un._repoid is not None:
    +                return un._repoid
    +            else:
    +                return '<unknown>'
    +
    +        def _log_failure(data):
    +            """Log the mismatched data similarly to conflict markers in git."""
    +            if self._vlogger is None:
    +                return
    +            msg = _('Duplicate of %s differs in some fields:
    +                msg ' + _rid(other), data)
    +            msg += _rid(other), data)
    +            msg += '<<<<<<< %s:
    +            msg += '=======
    +            msg += '>>>>>>> %s:
    +            msg += '>>>>>>> %s:
    +            # --verbose mode enables this
    +            self._vlogger.log(logging.DEBUG_3, msg)
    +
    +            if not other or not hasattr(other, '_md'):
    +                return False

@@ -113,6 +134,7 @@ class UpdateNotice(object):
    +        def _log_failure(data):
    +            """Log the mismatched data similarly to conflict markers in git."""
    +            if self._vlogger is None:
    +                return
    +            msg = _('Duplicate of %s differs in some fields:
    +            msg += _rid(other), data)
    +            msg += _rid(other), data)
    +            msg += '<<<<<<< %s:
    +            msg += '=======
    +            msg += '>>>>>>> %s:
    +            msg += '>>>>>>> %s:
    +            # --verbose mode enables this
    +            self._vlogger.log(logging.DEBUG_3, msg)
    +
    +            if not other or not hasattr(other, '_md'):
    +                return False

@@ -574,7 +598,7 @@ class UpdateMetadata(object):
    for event, elem in safe_iterparse(infile, logger=self._logger):
        if elem.tag == 'update':
            try:
un = UpdateNotice(elem)
+ un = UpdateNotice(elem, repoid, self._vlogger)
except UpdateNoticeException, e:
    msg = _("An update notice%s is broken, skipping.") % _rid(repoid)
    if self._vlogger:
        @@ -587,6 +611,8 @@ class UpdateMetadata(object):
            msg = _("Update notice %s%s is broken, or a bad duplicate, skipping.") % (un['update_id'],
                _rid(repoid))
            if not have_dup:
                msg += _("You should report this problem to the owner of the %s repository.") % _rid(repoid, "%s ")
+                msg += _("If you are the owner, consider re-running the same command with --verbose to see the 'exact data that caused the conflict.'")
+        have_dup = True
        if self._vlogger:
            self._vlogger.warn("%s", msg)

### 1.271 yum-utils 1.1.31 :42.el7

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Version 2, June 1991

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