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# Make coding more python3-ish
from __future__ import (absolute_import, division, print_function)
__metaclass__ = type

__version__ = '2.4.2.0'
__author__ = 'Ansible, Inc.'

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From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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1.7 bash-completion 2.1 :6.el7
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</OL>

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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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies
It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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

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

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

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

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

That's all there is to it!

1.20 ding-libs 0.6.0 :27.el7
1.20.1 Available under license:

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Version 3, 29 June 2007

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An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version".

The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

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You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

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

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.


The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the object code with a copy of the GNU GPL and this license document.


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b) Accompany the Combined Work with a copy of the GNU GPL and this license document.

c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

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the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)


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

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

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

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

TERMS AND CONDITIONS

0. Definitions.

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

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

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.
To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

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

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

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


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

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

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

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

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

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You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not
invalidate such permission if you have separately received it.

   d) If the work has interactive user interfaces, each must display
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      work need not make them do so.

   A compilation of a covered work with other separate and independent
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   in an aggregate does not cause this License to apply to the other
   parts of the aggregate.

6. Conveying Non-Source Forms.

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

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

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

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

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

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

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

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

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

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Gocheck - A rich testing framework for Go

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

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.SH NAME
.PP
etcdctl\-role\-revoke\-permission \- Revokes a key from a role

.SH SYNOPSIS
.PP
\fBETCDCTL=3 etcdctl role\-revoke\-permission\fP [OPTIONS]

.SH DESCRIPTION
.PP
Revokes a key from a role

.SH OPTIONS
.PP
\fB\-\-from\-key\fP[=false]
revoke a permission of keys that are greater than or equal to the given key using byte compare

.PP
\fB\-\-prefix\fP[=false]
revoke a prefix permission

.SH OPTIONS INHERITED FROM PARENT COMMANDS
('--cacert=""
   verify certificates of TLS-enabled secure servers using this CA bundle

('--cert=""
   identify secure client using this TLS certificate file

('--command-timeout=5s
   timeout for short running command (excluding dial timeout)

('--debug=false
   enable client-side debug logging

('--dial-timeout=2s
   dial timeout for client connections

('--endpoints=[127.0.0.1:2379]
   gRPC endpoints

('--hex=false
   print byte strings as hex encoded strings

('--insecure-skip-tls-verify=false
   skip server certificate verification

('--insecure-transport=true
   disable transport security for client connections

('--key=""
   identify secure client using this TLS key file

('--user=""
   username[:password] for authentication (prompt if password is not supplied)

('-w|--write-out="simple"
   set the output format (fields, json, protobuf, simple, table)
etcdctl3

```
<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>etcdctl3-role-grant-permission</td>
<td>Grants a key to a role</td>
</tr>
</tbody>
</table>
```

### OPTIONS

```
- --from-key[=false]
  grant a permission of keys that are greater than or equal to the given key using byte compare

- --prefix[=false]
  grant a prefix permission
```

### OPTIONS INHERITED FROM PARENT COMMANDS

```
- --cacert=""
  verify certificates of TLS-enabled secure servers using this CA bundle

- --cert=""
  identify secure client using this TLS certificate file
```
timeout for short running command (excluding dial timeout)

enable client-side debug logging

dial timeout for client connections
gRPC endpoints

print byte strings as hex encoded strings

skip server certificate verification

disable transport security for client connections

identify secure client using this TLS key file

username[:password] for authentication (prompt if password is not supplied)

set the output format (fields, json, protobuf, simple, table)

SEE ALSO

etcdctl3\-role(1)

HISTORY
1.26 git WANDISCO 2.11.1
1.26.1 Available under license:

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1.27 glusterfs 3.8.4 :18.4.el7.centos

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From e054a627d7eaeede423bc25a6c1cc472b2526846 Mon Sep 17 00:00:00 2001
From: Poornima G <pgurusid@redhat.com>
Date: Wed, 24 Aug 2016 09:55:32 +0530
Subject: [PATCH 126/141] upcall: Add permission change flag to iatt flag

Currently IATT_UPDATE_FLAGS is (UP_NLINK | UP_MODE | UP_OWN | UP_SIZE |
UP_TIMES | UP_ATIME). But it should also have UP_PERM and permission bits
are apart of IATT.

This change will have no effect on the existing users as
IATT_UPDATE_FLAGS is currently used only by md-cache. And the changes in
md-cache to consume cache invalidation is not part of any release yet.

Change-Id: I7efad44972add152f5f981d733fb8191dc7ef8ef
BUG: 1284873
Signed-off-by: Poornima G <pgurusid@redhat.com>
From a2cb732a71d341edb65e4cdbf103a3fec35e8589 Mon Sep 17 00:00:00 2001
From: Susant Palai <spalai@redhat.com>
Date: Wed, 17 Aug 2016 15:10:04 +0530
Subject: [PATCH 72/86] cluster/dht: heal root permission post add-brick

Post add-brick event the new brick will have permission of 755 by default. If the root directory permission was other than 755, that does not get healed to the new brick leading to permission errors/inconsistencies.

For choosing source of attr heal we can trust the subvols which have layouts with latest ctime(as part of missing directory heal, we heal the proper attr). In case none of the subvols have layout, return ESTALE to retrigger a fresh lookup.

Note: This patch heals the permission of the root directories only. Since, permission healing of directory is not straight forward and required intrusive fix, those are not addressed here.
Change-Id: If894e3895d070d46b62d2452e52c1eaacf56c29
BUG: 1294035
Signed-off-by: Susant Palai <spalai@redhat.com>
Reviewed-on: https://code.engineering.redhat.com/gerrit/84877
Reviewed-by: Atin Mukherjee <amukherj@redhat.com>
Tested-by: Atin Mukherjee <amukherj@redhat.com>

```bash
---
tests/bugs/distribute/bug-1368012.t | 50 ++++++++++++++++++++++++++++++++
xlators/cluster/dht/src/dht-common.c | 32 +++++++++++++++++++-
xlators/cluster/dht/src/dht-selfheal.c | 16 +++++++--
3 files changed, 93 insertions(+), 5 deletions(-)
create mode 100644 tests/bugs/distribute/bug-1368012.t
diff --git a/tests/bugs/distribute/bug-1368012.t b/tests/bugs/distribute/bug-1368012.t
new file mode 100644
index 0000000..f89314b
--- /dev/null
+++ b/tests/bugs/distribute/bug-1368012.t
@@ -0,0 +1,50 @@
+#!/bin/bash
+
+. $(dirname $0)/../../include.rc
+. $(dirname $0)/../../volume.rc
+
cleanup;
+
+function get_permission {
+        stat -c "%A" $1
+
+
+## Start glusterd
+TEST glusterd;
+TEST pidof glusterd;
+TEST $CLI volume info;
+
+## Lets create volume
```
+TEST $CLI volume create $V0 $H0:/$V0{1,2};
+
+## Verify volume is created
+EXPECT "$V0" volinfo_field $V0 'Volume Name';
+EXPECT 'Created' volinfo_field $V0 'Status';
+
+## Start volume and verify
+TEST $CLI volume start $V0;
+TEST $CLI volume set $V0 performance.stat-prefetch off
+EXPECT 'Started' volinfo_field $V0 'Status';
+TEST glusterfs -s $H0 --volfile-id=$V0 $M0
+
+## Test case: Add-brick
+-----------------------------
+# change permission of both root
+TEST chmod 444 $M0
+
+# store permission for comparison
+TEST permission_root=`stat -c "%A" $M0`
+TEST echo $permission_root
+# Add-brick
+TEST $CLI volume add-brick $V0 $H0:/$V0{3}
+
+# Allow one lookup to happen
+TEST pushd $M0
+TEST ls
+# Generate another lookup
+echo 3 > /proc/sys/vm/drop_caches
+TEST ls
+# check root permission
+EXPECT_WITHIN "5" $permission_root get_permission $M0
+# check permission on the new-brick
+EXPECT $permission_root get_permission /$V0{3}
+cleanup
diff --git a/xlators/cluster/dht/src/dht-common.c b/xlators/cluster/dht/src/dht-common.c
index 5fd0a16..2eb44a1 100644
--- a/xlators/cluster/dht/src/dht-common.c
+++ b/xlators/cluster/dht/src/dht-common.c
@@ -735,6 +735,27 @@ out:
    return ret;
}

+int static
+is_permission_different (ia_prot_t *prot1, ia_prot_t *prot2)
+{
+    if ((prot1->owner.read != prot2->owner.read) ||
+        (prot1->owner.write != prot2->owner.write) ||
+        (prot1->owner.exec != prot2->owner.exec) ||
+        (prot1->group.read != prot2->group.read) ||
+        (prot1->group.write != prot2->group.write) ||
+        (prot1->group.exec != prot2->group.exec))
+        return ret;
+    return 0;
+}
(prot1->group.write != prot2->group.write) ||
(prot1->group.exec != prot2->group.exec) ||
(prot1->other.read != prot2->other.read) ||
(prot1->other.write != prot2->other.write) ||
(prot1->other.exec != prot2->other.exec) ||
(prot1->suid != prot2->suid) ||
(prot1->sgid != prot2->sgid) ||
(prot1->sticky != prot2->sticky)) {
    return 1;
} else {
    return 0;
}

int
dht_revalidate_cbk (call_frame_t *frame, void *cookie, xlator_t *this,
int op_ret, int op_errno,
@@ -856,14 +877,21 @@ dht_revalidate_cbk (call_frame_t *frame, void *cookie, xlator_t *this,
local->stbuf.ia_ctime_nsec,
stbuf->ia_ctime,
stbuf->ia_ctime_nsec)) {
+    /* Choose source */
    local->prebuf.ia_gid = stbuf->ia_gid;
    local->prebuf.ia_uid = stbuf->ia_uid;
+    +    if (__is_root_gfid (stbuf->ia_gfid))
+        local->prebuf.ia_prot = stbuf->ia_prot;
}
if (local->stbuf.ia_type != IA_INVAL) {
    if (local->stbuf.ia_gid != stbuf->ia_gid)
-    (local->stbuf.ia_uid != stbuf->ia_uid)) {
+    (local->stbuf.ia_uid != stbuf->ia_uid)) {
+        (+ (+ __is_root_gfid (stbuf->ia_gfid) &&
+            is_permission_different (&local->stbuf.ia_prot,
+            &stbuf->ia_prot))) {
+            local->need_selfheal = 1;

    }
}
@@ -928,6 +956,8 @@ out:
gf_uuid_copy (local->gfid, local->stbuf.ia_gfid);
local->stbuf.ia_gid = local->prebuf.ia_gid;
local->stbuf.ia_uid = local->prebuf.ia_uid;
+    if (__is_root_gfid (local->stbuf.ia_gfid))
+        local->stbuf.ia_prot = local->prebuf.ia_prot;
        copy = create_frame (this, this->ctx->pool);
        if (copy) {
copy_local = dht_local_init (copy, &local->loc,

for (i = 0; i < call_cnt; i++) {
    subvol = conf->subvolumes[i];
    if (!subvol || (subvol == dht_first_up_subvol (this)))
    continue;
    ret = syncop_setattr (subvol, &local->loc, &local->stbuf,
                 (GF_SET_ATTR_UID | GF_SET_ATTR_GID),
                 NULL, NULL, NULL, NULL);
    if (__is_root_gfid (local->stbuf.ia_gfid)) {
        ret = syncop_setattr (subvol, &local->loc, &local->stbuf,
                 (GF_SET_ATTR_UID | GF_SET_ATTR_GID | GF_SET_ATTR_MODE),
                 NULL, NULL, NULL, NULL);
    } else {
        ret = syncop_setattr (subvol, &local->loc, &local->stbuf,
                 (GF_SET_ATTR_UID | GF_SET_ATTR_GID),
                 NULL, NULL, NULL, NULL);
    }
    if (ret) {
        gf_uuid_unparse(local->loc.gfid, gfid);
    }
}

1.7.1

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<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"><head>!--
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X
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title>The Apache License, Version 2.0 - Apache HTTP Server</title>
<link href="/style/css/manual.css" rel="stylesheet" media="all" type="text/css" title="Main stylesheet" />
<link href="/style/css/manual-loose-100pc.css" rel="alternate stylesheet" media="all" type="text/css" title="No Sidebar - Default font size" />
<link href="/style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" />
<link rel="stylesheet" type="text/css" href="/style/css/prettify.css" />
<script src="/style/scripts/prettify.js" type="text/javascript">
</script>
<body id="manual-page" class="no-sidebar">
<div id="page-header">
<p class="apache">Apache HTTP Server Version 2.4</p>
<img alt="" src="/images/feather.gif" /></div>
<div class="up"><a href="/"><img title="<" alt="<" src="/images/left.gif" /></a></div>
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* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
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   =================

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
  Mike Belshe (mbelshe@netscape.com)
  Michael Campanella (campanella@stevms.enet.dec.com)

/*

For the expat xml parser component:

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1.32 iscsi-initiator-utils 6.2.0.874 :4.el7

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Jan Holmberg, <jan@artech.net>:
- Memory framework
- HTTP/SSL checkers

Bradley Baetz, <bradley.baetz@optusnet.com.au>:
- MISC checker redesign
- Scheduler framework extension to support child process handling.
- Daemon framework extension to block SIGCHLD to only receive it when its unblocked in the scheduling select loop.

Jeremy Rumpf, <rumpf.6@osu.edu>:
o Added SMTP checker

Chris Caputo, <ccaputo@alt.net> :
- Added dont_track_primary, nopreempt, preempt_delay, and misc_dynamic.

Kevin Lindsay, <kevinl@netnation.com> :
- Fixed shadowed declaration reported by -Wshadow.
- Redesigned signal handling.

Nick Couchman, <nick.couchman at seakr.com> :
- Patch for u_threshold and l_threshold support.

Willy Tarreau, <w at 1wt.eu> :
- Extended VRRP framework to support floating priority.

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1.37 krb5 1.15.1 :8.el7

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lib/gssapi/mechglue/g_canon_name.c
and the initial implementation of incremental propagation, including the following new or changed files:

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kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
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lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
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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')
        text_seen = True
break

# DB2 licenses start with '/*-' and we don't want to change them.
if line != "" and line != '-':
    text_seen = True
return is_license

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

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

    # Scan for license statements.
    in_comment = False
    code_seen = False
    nonlicense_seen = False
    for line in lines[ln:]:
        # Strip out whitespace and comments contained within a line.
        if not in_comment:
            line = re.sub(r'/\*.*?\*/', '', line)
            line = line.strip()
        if not in_comment and '/*' in line:
            (line, sep, comment_part) = line.partition('/*')
            comment = [comment_part.strip()]
            comment_starts_at = ln
            in_comment = True
        elif in_comment and '*/' not in line:
            comment.append(line.lstrip('*').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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<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
<title>MIT Kerberos License information &mdash; MIT Kerberos Documentation</title>
<link rel="stylesheet" href="_static/agogo.css" type="text/css"/>
<link rel="stylesheet" href="_static/pygments.css" type="text/css"/>
<link rel="stylesheet" href="_static/kerb.css" type="text/css"/>
<script type="text/javascript">
var DOCUMENTATION_OPTIONS = {
   URL_ROOT: '.',
   VERSION: '1.15.1',
   COLLAPSE_INDEX: false,
   FILE_SUFIX: '.html',
   HAS_SOURCE: true
};
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```
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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.c
slave/kpropd_rpc.c
slave/kproplog.c
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.. parsed-literal::

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    lib/gssapi/mechglue/g_accept_sec_context.c
    lib/gssapi/mechglue/g_acquire_cred.c
    lib/gssapi/mechglue/g_canon_name.c
    lib/gssapi/mechglue/g_compare_name.c
    lib/gssapi/mechglue/g_context_time.c
    lib/gssapi/mechglue/g_delete_sec_context.c
    lib/gssapi/mechglue/g_dsp_name.c
    lib/gssapi/mechglue/g_dsp_status.c
    lib/gssapi/mechglue/g_dup_name.c
    lib/gssapi/mechglue/g_exp_sec_context.c
    lib/gssapi/mechglue/g_export_name.c
    lib/gssapi/mechglue/g_glue.c
    lib/gssapi/mechglue/g_imp_name.c
    lib/gssapi/mechglue/g_imp_sec_context.c
    lib/gssapi/mechglue/g_init_sec_context.c
    lib/gssapi/mechglue/g_initialize.c
    lib/gssapi/mechglue/g_inquire_context.c
    lib/gssapi/mechglue/g_inquire_cred.c
    lib/gssapi/mechglue/g_inquire_names.c
    lib/gssapi/mechglue/g_process_context.c
    lib/gssapi/mechglue/g_rel_buffer.c
    lib/gssapi/mechglue/g_rel_cred.c
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    lib/gssapi/mechglue/g_unseal.c
    lib/gssapi/mechglue/g_userok.c
    lib/gssapi/mechglue/g_utils.c
    lib/gssapi/mechglue/g_verify.c
    lib/gssapi/mechglue/gssd_pname_to_uid.c
    lib/gssapi/mechglue/mglueP.h
    lib/gssapi/mechglue/oid_ops.c
    lib/gssapi/spnego/gssapiP_spnego.h
    lib/gssapi/spnego/spnego_mech.c

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.. parsed-literal::

    include/iprop_hdr.h
    kadmin/server/ipropd_svc.c
lib/kdb/prop.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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1.38 libevent 2.0.21 :4.el7

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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) 19yy <name of author>

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

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

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

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

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

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

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

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1.42 libnetfilter_queue 1.0.2 :2.el7_2

1.42.1 Available under license:

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Version 2, June 1991

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

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

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Appendix: How to Apply These Terms to Your New Programs

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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:

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

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1.43 libnfsidmap 0.25 :17.el7
1.43.1 Available under license :
This package was debianized by J. Bruce Fields <bfields@citi.umich.edu> on Fri, 6 Aug 2004 16:10:43 -0400.

The latest version can always be found at http://www.citi.umich.edu/projects/nfsv4/linux/

Authors: J. Bruce Fields, Andy Adamson, Marius Eriksen

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J. Bruce Fields <bfields@umich.edu>

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1.44 libseccomp 2.3.1 :3.el7

1.44.1 Available under license:

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes
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In other cases, permission to use a particular library in non-free
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straightforwardly into another language. (Hereinafter, translation is
included without limitation in the term "modification".)

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

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

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

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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
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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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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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@end smallexample

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

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notice like this when it starts in an interactive mode:

@end smallexample
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Thu Sep 17, 2009

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Network Working Group  H. Krawczyk
Request for Comments: 2104  IBM
Category: Informational  M. Bellare
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R. Canetti
IBM
February 1997

HMAC: Keyed-Hashing for Message Authentication

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\"
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utilities/bugtool/ovs-bugtool
utilities/bugtool/ovs-bugtool-*
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`build-aux/cccl`

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`lib/getopt_long.c`
`include/windows/getopt.h`
`datapath-windows/ovsext/Conntrack-tcp.c`
`lib/conntrack-tcp.c`

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`include/windows/netinet/icmp6.h`
`include/windows/netinet/ip6.h`
`lib/strsep.c`

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`datapath/linux/compat/include/linux/openvswitch.h`

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." Werner Lemberg <wl@gnu.org>
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lib/lldp/lldpd.c
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References


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sFlow Specification, located at

References


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package cloud

import (
    "bytes"
    "io/ioutil"
    "os"
    "path/filepath"
    "strings"
    "testing"
)

var sentinels = []string{

func TestLicense(t *testing.T) {
    err := filepath.Walk(".", func(path string, fi os.FileInfo, err error) error {
        if err != nil {
            return err
        }
        if ext := filepath.Ext(path); ext != ".go" && ext != ".proto" {
            return nil
        }
        if strings.HasSuffix(path, ".pb.go") {
            // .pb.go files are generated from the proto files.
            // .proto files must have license headers.
            return nil
        }
        if path == "bigtable/cmd/cbt/cbtoc.go" {
            // Automatically generated.
            return nil
        }
        src, err := ioutil.ReadFile(path)
        if err != nil {
            return nil
        }
        src = src[:120] // Ensure all of the sentinel values are at the top of the file.

        // Find license
        for _, sentinel := range sentinels {
            if !bytes.Contains(src, []byte(sentinel)) {
                t.Errorf("%v: license header not present. want %q", path, sentinel)
            }
        }

        return nil
    })
    if err != nil {
        t.Fatal(err)
    }
}
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1.65 python-backports-functools_lru_cache
1.2.1 :4.el7

1.66 python-cached_property 1.3.0 :7.el7
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1.67 python-crypto 2.6.1 :13.el7

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Last updated: 2009-02-28

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=== EOF ===

1.68 python-docker-py 1.10.6 :3.el7
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1.69 python-docker-py 1.10.6 :1.el7

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1.70 python-dockerpty 0.4.1 :9.el7

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1.72 python-enum34 1.0.4 :1.el7

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1.75 python-ipaddress 1.0.16 :2.el7

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1.78 python-jsonschema 2.5.1 :3.el7

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1.79 python-keyczar 0.71c :2.el7

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1.80 python-passlib 1.6.5 :1.el7
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modified Aug 2005
by Greg Wilkins (gregw)

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1.82 python-texttable 0.9.1 :1.el7

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1.83 python-websocket-client 0.32.0 :116.el7

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next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
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<para>
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.
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1.92 time 1.7 :45.el7
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