



Open Source Used In Openshift Origin 3.7.2

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1.2 apr 1.4.8 :3.el7

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From strings/apr_fnmatch.c, include/apr_fnmatch.h, misc/unix/getopt.c, file_io/unix/mktemp.c, strings/apr_strings.c:

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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

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From dso/aix/dso.c:

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

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From strings/apr_snprintf.c:

*

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1.3 apr-util 1.5.2 :6.el7

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1.4 at 3.1.13 :22.el7

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That's all there is to it!

1.7 bash-completion 2.1 :6.el7

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# http://bash-completion.alioth.debian.org/
```

1.8 bc 1.06.95 :13.el7

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- # here. Please keep the list sorted by first names.

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1.14 container-selinux 2.36 :1.gitff95335.el7

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1.15 container-storage-setup 0.8.0 :3.git1d27ecf.el7

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1.16 copy-jdk-configs 1.2 :1.el7

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1.17 cryptsetup 1.7.4 :3.el7

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<OL TYPE="a">

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<OL TYPE="a">

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<P>Version 2, June 1991

<PRE>

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<OL START="0">

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<PRE>

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<PRE>

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</PRE>

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<PRE>

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<P>Version 2, June 1991

<PRE>

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<OL TYPE="a">

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<P>

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

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

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

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

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

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data

prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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

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

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

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

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

- 2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
 - a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no

charge to all third parties under the terms of this License.

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

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

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

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

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

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

Once this change is made in a given copy, it is irreversible for

that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

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

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

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

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

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6,

whether or not they are linked directly with the Library itself.

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

the executable.

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

- 7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:
 - a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

To apply these terms, attach the following notices to the library. It is

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

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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

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

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

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

That's all there is to it!

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1.19 device-mapper-multipath 0.4.9 :111.el7_4.2

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

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

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

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

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

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

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

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

- 2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
 - a) The modified work must itself be a software library.
 - b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
 - c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
 - d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

These requirements apply to the modified work as a whole. If

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

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

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

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

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

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

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

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

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

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

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

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

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

6. As an exception to the Sections above, you may also 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.

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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

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1.23 docker-compose 1.9.0 :5.el7

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1.24 docker-distribution 2.6.1 :1.el7

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Gocheck - A rich testing framework for Go

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Protocol Buffers for Go with Gadgets

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

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Go support for Protocol Buffers - Google's data interchange format

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```
.TH "etcdctl3" "1" "Nov 2017" "Auto generated by spf13/cobra" ""
.nh
.ad 1
.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
.PP
fB\-\cal{eq}
 verify certificates of TLS\-enabled secure servers using this CA bundle
.PP
fB\-\cert\fP=""
 identify secure client using this TLS certificate file
.PP
fB\--command-timeout\fP=5s
 timeout for short running command (excluding dial timeout)
.PP
fB\-\ensuremath{\mbox{\sc heavy}} fP[=false]
 enable client\-side debug logging
.PP
```

```
fB\--dial-timeout\ fP=2s
  dial timeout for client connections
.PP
fB\-\-endpoints\fP=[127.0.0.1:2379]
  gRPC endpoints
.PP
fB\--hex\fP[=false]
  print byte strings as hex encoded strings
.PP
fB\-\-insecure\-skip\-tls\-verify\fP[=false]
  skip server certificate verification
.PP
\fB\-\-insecure\-transport\fP[=true]
  disable transport security for client connections
.PP
fB--keyfP=""
  identify secure client using this TLS key file
.PP
fB\--user\fP=""
  username[:password] for authentication (prompt if password is not supplied)
.PP
fB-wfP, fB--write-outfP="simple"
  set the output format (fields, json, protobuf, simple, table)
.SH SEE ALSO
.PP
\fBetcdctl3\-role(1)\fP
.SH HISTORY
20\-Nov\-2017 Auto generated by spf13/cobra
.TH "etcdctl3" "1" "Nov 2017" "Auto generated by spf13/cobra" ""
.nh
.ad l
.SH NAME
.PP
etcdctl\-role\-grant\-permission \- Grants a key to a role
```

```
.SH SYNOPSIS
.PP
\fBETCDCTL=3 etcdctl role grant\-permission\fP [OPTIONS]
.SH DESCRIPTION
.PP
Grants a key to a role
.SH OPTIONS
.PP
fB\-\-from\-key\fP[=false]
 grant a permission of keys that are greater than or equal to the given key using byte compare
.PP
fB\-prefix\fP[=false]
 grant a prefix permission
.SH OPTIONS INHERITED FROM PARENT COMMANDS
.PP
\fB\-\-cacert\fP=""
 verify certificates of TLS\-enabled secure servers using this CA bundle
.PP
fB\-\cert\fP=""
 identify secure client using this TLS certificate file
.PP
fB\--command-timeout\fP=5s
 timeout for short running command (excluding dial timeout)
.PP
fB--debugfP[=false]
 enable client\-side debug logging
.PP
fB\--dial-timeout\ fP=2s
 dial timeout for client connections
.PP
fB\-\-endpoints\fP=[127.0.0.1:2379]
 gRPC endpoints
```

.PP

```
fB\--hexfP[=false]
 print byte strings as hex encoded strings
.PP
fB\-\-insecure\-skip\-tls\-verify\fP[=false]
 skip server certificate verification
.PP
\fB\-\-insecure\-transport\fP[=true]
 disable transport security for client connections
.PP
fB\-\ensuremath{\mbox{\sc hey}} = ""
 identify secure client using this TLS key file
.PP
fB\--userfP=""
 username[:password] for authentication (prompt if password is not supplied)
.PP
fB-wfP, fB--write-outfP="simple"
 set the output format (fields, json, protobuf, simple, table)
.SH SEE ALSO
.PP
\fBetcdctl3\-role(1)\fP
.SH HISTORY
.PP
20\-Nov\-2017 Auto generated by spf13/cobra
```

1.26 git WANDISCO 2.11.1

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Version 2, June 1991

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1.27 glusterfs 3.8.4 :18.4.el7.centos

1.27.1 Available under license:

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>

Reviewed-on: http://review.gluster.org/15301

NetBSD-regression: NetBSD Build System < jenkins@build.gluster.org> CentOS-regression: Gluster Build System < jenkins@build.gluster.org>

Smoke: Gluster Build System < jenkins@build.gluster.org> Reviewed-by: Raghavendra G < rgowdapp@redhat.com>

Reviewed-by: Prashanth Pai <ppai@redhat.com> Reviewed-by: Jeff Darcy <jdarcy@redhat.com>

Reviewed-on: https://code.engineering.redhat.com/gerrit/87039

Reviewed-by: Rajesh Joseph <rjoseph@redhat.com> Tested-by: Rajesh Joseph <rjoseph@redhat.com>

 $libglusterfs/src/upcall-utils.h \mid \ 2 + -$

1 files changed, 1 insertions(+), 1 deletions(-)

diff --git a/libglusterfs/src/upcall-utils.h b/libglusterfs/src/upcall-utils.h index f4b15e3..64571c5 100644 --- a/libglusterfs/src/upcall-utils.h

1.7.1

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.

- > Reviewed-on: http://review.gluster.org/15195
- > Smoke: Gluster Build System < jenkins@build.gluster.org>
- > CentOS-regression: Gluster Build System < jenkins@build.gluster.org>
- > NetBSD-regression: NetBSD Build System < jenkins@build.gluster.org>
- >Reviewed-by: Raghavendra G <rgowdapp@redhat.com>
- >Reviewed-on: http://review.gluster.org/15465
- >Smoke: Gluster Build System < jenkins@build.gluster.org>
- >NetBSD-regression: NetBSD Build System <jenkins@build.gluster.org>
- >CentOS-regression: Gluster Build System <jenkins@build.gluster.org>
- >Reviewed-by: Raghavendra G <rgowdapp@redhat.com>

Change-Id: If894e3895d070d46b62d2452e52c1eaafcf56c29

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>
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 comparision
```

```
+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) ||
        (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,
diff --git a/xlators/cluster/dht/src/dht-selfheal.c b/xlators/cluster/dht/src/dht-selfheal.c
index 520a3f3..f43a235 100644
--- a/xlators/cluster/dht/src/dht-selfheal.c
+++ b/xlators/cluster/dht/src/dht-selfheal.c
@@ -2240,11 +2240,19 @@ dht_dir_attr_heal (void *data)
     for (i = 0; i < call\_cnt; i++) {
          subvol = conf->subvolumes[i];
          if (!subvol || (subvol == dht_first_up_subvol (this)))
           if (!subvol)
               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)) {
```

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1.29 haproxy 1.5.18 :6.el7

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</div>
</div>
</div>
</div>
<div class="bottomlang">

Available Languages: en
</div><div class="top"></div><div class="section"><h2>Comments</h2><div class="warning">Notice:
obr />This is not a Q&A section. Comments placed here should be pointed towards suggestions on improving the documentation or server, and may be removed again by our

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moderators if they are either implemented or considered invalid/off-topic. Questions on how to manage the Apache
HTTP Server should be directed at either our IRC channel, #httpd, on Freenode, or sent to our <a
href="http://httpd.apache.org/lists.html">mailing lists</a>.</div>
<script type="text/javascript"><!--//--><![CDATA[//><!--</pre>
var comments shortname = 'httpd';
var comments_identifier = 'http://httpd.apache.org/docs/2.4/license.html';
(function(w, d) {
 if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
    d.write('<div id="comments_thread"><\/div>');
    var s = d.createElement('script');
    s.type = 'text/javascript';
    s.async = true;
    s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortname + '&page=' +
comments identifier;
    (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
 }
 else {
    d.write('<div id="comments thread">Comments are disabled for this page at the moment.<\/div>');
  }
})(window, document);
//--><!]]></script></div><div id="footer">
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href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="./glossary.html">Glossary</a> | <a
href="./sitemap.html">Sitemap</a></div><script type="text/javascript"><!--//--><![CDATA[//><!--
if (typeof(prettyPrint) !== 'undefined') {
 prettyPrint();
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</body></html>
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

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Michael Campanella (campanella@stevms.enet.dec.com)

*/

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1.32 iscsi-initiator-utils 6.2.0.874 :4.el7

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```
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Jan Holmberg, <jan@artech.net>:

- o Memory framework
- o HTTP/SSL checkers

Bradley Baetz, <bradley.baetz@optusnet.com.au>:

- o MISC checker redesign
- Scheduler framework extension to support child process handling.
- o 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>:

o Added dont_track_primary, nopreempt, preempt_delay, and misc_dynamic.

Kevin Lindsay, <kevinl@netnation.com>:

- o Fixed shadowed declaration reported by -Wshadow.
- o Redesigned signal handling.

Nick Couchman, <nick.couchman at seakr.com>:

o Patch for u_threshold and l_threshold support.

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

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1.36 keyutils 1.5.8 :3.el7

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1.37 krb5 1.15.1 :8.el7

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

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

lib/gssapi/mechglue/g_imp_name.c

lib/gssapi/mechglue/g_imp_sec_context.c

lib/gssapi/mechglue/g_init_sec_context.c

lib/gssapi/mechglue/g_initialize.c

 $lib/gssapi/mechglue/g_inquire_context.c$

lib/gssapi/mechglue/g_inquire_cred.c

lib/gssapi/mechglue/g inquire names.c

lib/gssapi/mechglue/g_process_context.c

lib/gssapi/mechglue/g_rel_buffer.c

lib/gssapi/mechglue/g_rel_cred.c

lib/gssapi/mechglue/g_rel_name.c

lib/gssapi/mechglue/g_rel_oid_set.c

lib/gssapi/mechglue/g_seal.c

lib/gssapi/mechglue/g_sign.c

lib/gssapi/mechglue/g_store_cred.c

lib/gssapi/mechglue/g_unseal.c

lib/gssapi/mechglue/g_userok.c

lib/gssapi/mechglue/g_utils.c

lib/gssapi/mechglue/g_verify.c

lib/gssapi/mechglue/gssd_pname_to_uid.c

lib/gssapi/mechglue/mglueP.h

lib/gssapi/mechglue/oid_ops.c

lib/gssapi/spnego/gssapiP_spnego.h

lib/gssapi/spnego/spnego_mech.c

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

include/iprop hdr.h

kadmin/server/ipropd_svc.c

lib/kdb/iprop.x

lib/kdb/kdb_convert.c

lib/kdb/kdb_log.c

lib/kdb/kdb_log.h

lib/krb5/error_tables/kdb5_err.et

slave/kpropd_rpc.c

slave/kproplog.c

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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

lib/libgss/g_context_time.c

lib/libgss/g_delete_sec_context.c

lib/libgss/g_dsp_name.c

lib/libgss/g_dsp_status.c

lib/libgss/g_dup_name.c

lib/libgss/g_exp_sec_context.c

lib/libgss/g_export_name.c

lib/libgss/g_glue.c

lib/libgss/g_imp_name.c

lib/libgss/g_imp_sec_context.c

lib/libgss/g_init_sec_context.c

lib/libgss/g_initialize.c

lib/libgss/g_inquire_context.c

lib/libgss/g_inquire_cred.c

lib/libgss/g_inquire_names.c

lib/libgss/g_process_context.c

lib/libgss/g_rel_buffer.c

lib/libgss/g_rel_cred.c

 $lib/libgss/g_rel_name.c$

lib/libgss/g_rel_oid_set.c

lib/libgss/g_seal.c

lib/libgss/g_sign.c

lib/libgss/g_store_cred.c

lib/libgss/g_unseal.c

lib/libgss/g_userok.c

lib/libgss/g_utils.c

lib/libgss/g_verify.c

lib/libgss/gssd_pname_to_uid.c

uts/common/gssapi/include/gssapi_err_generic.h

uts/common/gssapi/include/mechglueP.h

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# checks for violations of the coding standards related to copyright
# and license statements in source code comments.
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'/* ([^{\land}]*)( - .*)? /*/', 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'\wedge*.*?\wedge*/', ", 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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 copyright.rst
.. include:: notice.rst
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 <script type="text/javascript" src="_static/doctools.js"></script>
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 k rel="copyright" title="Copyright" href="copyright.html" />
 k rel="top" title="MIT Kerberos Documentation" href="index.html" />
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      accesskey="C">Contents</a> |
   <a href="mitK5features.html" title="MIT Kerberos features"
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   <a href="copyright.html" title="Copyright"
      accesskey="N">next</a> |
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   <a href="search.html" title="Enter search criteria"
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in
<tt class="docutils literal"><span class="pre">src/lib/gssapi</span></tt>, including the following files:
<div class="highlight-python"><div class="highlight"><span class="n">lib</span><span</pre>
class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span
class="n">generic</span><span class="o">/</span><span class="n">gssapi err generic</span><span
class="o">.</span><span class="n">et</span>
<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span</pre>
class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span
class="n">g_accept_sec_context</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span</pre>
class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span
class="n">g_acquire_cred</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span</pre>
class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span
class="n">g_canon_name</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span</pre>
```

class="o">/mechglue/g compare name.c lib/gssapi/mechglue/g context time.c lib/gssapi/mechglue/g delete sec context.c lib/gssapi<span</pre> class="o">/mechglue/g dsp name.c lib/gssapi<span</pre> class="o">/mechglue/g_dsp_status.c lib/gssapi<span</pre> class="o">/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<span</pre> class="o">/mechglue/g_inquire_context.c lib/gssapi<span</pre> class="o">/mechglue/g_inquire_cred.c lib/gssapi<span</pre> class="o">/mechglue/g_inquire_names.c lib/gssapi<span</pre>

class="o">/mechglue/g process context.c lib/gssapi<span</pre> class="o">/mechglue/g rel buffer.c lib/gssapi<span</pre> class="o">/mechglue/g rel cred.c lib/gssapi<span</pre> class="o">/mechglue/g_rel_name.c lib/gssapi<span</pre> class="o">/mechglue/g_rel_oid_set.c lib/gssapi<span</pre> class="o">/mechglue/g_seal.c lib/gssapi/mechglue/g_sign.c lib/gssapi/mechglue/g_store_cred.c lib/gssapi/mechglue/g unseal.c lib/gssapi/mechglue/g userok.c lib/gssapi/mechglue/g utils.c lib/gssapi/mechglue/g verify.c lib/gssapi/mechglue/gssd_pname_to_uid.c lib/gssapi<span</pre> class="o">/mechglue/mglueP.h lib/gssapi<span</pre> class="o">/mechglue/oid_ops.c lib/gssapi<span</pre> class="o">/spnego/gssapiP_spnego.h lib/gssapi<span</pre>

```
class="o">/</span><span class="n">spnego</span><span class="o">/</span><span
class="n">spnego mech</span><span class="o">.</span><span class="n">c</span>
</div>
</div>
and the initial implementation of incremental propagation, including
the following new or changed files:
<div class="highlight-python"><div class="highlight"><span class="n">include</span><span</pre>
class="o">/</span><span class="n">iprop_hdr</span><span class="o">.</span><span class="n">h</span>
<span class="n">kadmin</span><span class="o">/</span><span class="n">server</span><span</pre>
class="o">/</span><span class="n">ipropd svc</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o">/</span><span class="n">kdb</span><span class="o">/</span><span
class="n">iprop</span><span class="o">.</span><span class="n">x</span>
<span class="n">lib</span><span class="o">/</span><span class="n">kdb</span><span class="o">/</span><span</pre>
class="n">kdb_convert</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o">/</span><span class="n">kdb</span><span class="o">/</span><span
class="n">kdb log</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o">/</span><span class="n">kdb</span><span class="o">/</span><span
class="n">kdb log</span><span class="o">.</span><span class="n">h</span>
<span class="n">lib</span><span class="o">/</span><span class="n">krb5</span><span</pre>
class="o">/</span><span class="n">error_tables</span><span class="o">/</span><span
class="n">kdb5 err</span><span class="o">.</span><span class="n">et</span>
<span class="n">slave</span><span class="o">/</span><span class="n">kpropd rpc</span><span</pre>
class="o">.</span><span class="n">c</span>
<span class="n">slave</span><span class="o">/</span><span class="n">kproplog</span><span</pre>
class="o">.</span><span class="n">c</span>
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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_name.c

lib/gssapi/mechglue/g_imp_sec_context.c

lib/gssapi/mechglue/g_init_sec_context.c

lib/gssapi/mechglue/g_initialize.c

lib/gssapi/mechglue/g_inquire_context.c

lib/gssapi/mechglue/g_inquire_cred.c

lib/gssapi/mechglue/g_inquire_names.c

lib/gssapi/mechglue/g_process_context.c

lib/gssapi/mechglue/g_rel_buffer.c

lib/gssapi/mechglue/g_rel_cred.c

lib/gssapi/mechglue/g rel name.c

lib/gssapi/mechglue/g_rel_oid_set.c

lib/gssapi/mechglue/g_seal.c

lib/gssapi/mechglue/g_sign.c

lib/gssapi/mechglue/g_store_cred.c

lib/gssapi/mechglue/g_unseal.c

lib/gssapi/mechglue/g_userok.c

lib/gssapi/mechglue/g_utils.c

 $lib/gssapi/mechglue/g_verify.c$

lib/gssapi/mechglue/gssd_pname_to_uid.c

lib/gssapi/mechglue/mglueP.h

lib/gssapi/mechglue/oid ops.c

lib/gssapi/spnego/gssapiP_spnego.h

lib/gssapi/spnego/spnego_mech.c

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

.. parsed-literal::

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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1.41 libnetfilter cttimeout 1.0.0 :6.el7

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1.43 libnfsidmap 0.25 :17.el7

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This package was debianized by J. Bruce Fields etii.umich.edu on Fri, 6 Aug 2004 16:10:43 -0400.

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1.44 libseccomp 2.3.1 :3.el7

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1.46 libtomcrypt 1.17

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1.49 lksctp-tools 1.0.17 :2.el7

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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:

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@item

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.

@item

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.

@item

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.

@item

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.

@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.

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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1.51 mailcap 2.1.41 :2.el7

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```
/*
* imap_gssapi.c is partially derived from sample code in:
* GSS-API Programming Guide
* Part No: 816-1331-11
* Sun Microsystems, Inc. 4150 Network Circle Santa Clara, CA 95054 U.S.A.
*
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Network Working Group H. Krawczyk Request for Comments: 2104 IBM Category: Informational M. Bellare

> UCSD R. Canetti IBM

February 1997

HMAC: Keyed-Hashing for Message Authentication

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Appendix -- Sample Code

Parts of nss.c are derived from the Mozilla NSS 3.9.2 source, mozilla/security/nss/cmd/smimetools/cmsutil.c. Therefore:

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*/

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1.56 oci-systemd-hook 0.1.14 :2.git9b1e622.el7

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EXHIBIT B - Standards

The Standard is defined as the following:

sFlow Specification, located at

[1]http://sflow.org/developers/specifications.php

References

1. http://sflow.org/developers/specifications.php

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1.60 origin 3.7.2-1.el7.git.0.cd74924

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// WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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package cloud
import (
"bytes"
"io/ioutil"
"os"
"path/filepath"
"strings"
"testing"
)
var sentinels = []string{
"Copyright",
"Google Inc",
`Licensed under the Apache License, Version 2.0 (the "License");`,
}
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/cbtdoc.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
}
return nil
})
if err != nil {
t.Fatal(err)
}
```

1.61 origin 3.7.0 :1.0.7ed6862

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1.62 patch 2.7.1 :8.el7

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1.64 pyOpenSSL 0.13.1 :3.el7

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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 :1.el7

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1.69 python-docker-py 1.10.6 :3.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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1.73 python-httplib2 0.9.2 :1.el7

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1.74 python-idna 2.4 :1.el7

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1.76 python-javapackages 3.4.1:11.el7

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1.77 python-jmespath 0.9.0 :3.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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1.81 python-repoze-lru 0.4 :(2011-09-04)

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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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<para>

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<acronym>GPL</acronym> 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 <acronym>GPL</acronym>, as needed to protect the freedom of users.

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<para>

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</para>

<para>

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

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TERMS AND CONDITIONS

</bridgehead>

dgehead renderas="sect1">

0. Definitions.

</bridgehead>

<para>

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</para>

<para>

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</para>

<para>

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<para>

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.

</para>

<para>

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

</para>

<para>

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

</para>

<para>

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.

</para>

<para>

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.

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dgehead renderas="sect1">

1. Source Code.

</bridgehead>

<para>

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.

</para>

<para>

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.

</para>

<para>

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

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<para>

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.

</para>

<para>

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

</para>

<para>

The Corresponding Source for a work in source code form is that same work.

</para>

dgehead renderas="sect1">

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</bridgehead>

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<para>

Conveying under any other circumstances is permitted solely under the

conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

</para>

dgehead renderas="sect1">

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

</bridgehead>

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No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

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<para>

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dgehead renderas="sect1">

4. Conveying Verbatim Copies.

</bridgehead>

<para>

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

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<para>

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

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</para>
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dgehead renderas="sect1">

5. Conveying Modified Source Versions.

</bridgehead>

<para>

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:

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<para>

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

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<para>

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".

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</listitem>

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</listitem>

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<para>

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</listitem>

</orderedlist>

<para>

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dgehead renderas="sect1">

6. Conveying Non-Source Forms.

</bridgehead>

<para>

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

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Corresponding Source under the terms of this License, in one of these ways:
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<para>
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.
</para>
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Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this

conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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<para>

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.

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<para>

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.

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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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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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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.

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"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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If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in

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<arronym>ROM</arronym>).
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The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

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Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

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dgehead renderas="sect1">

11. Patents.

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<screen>
```

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  </para>
 </listitem>
 stitem>
  <para>
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   to be distributed under the terms of Sections 1 and 2 above on a medium customarily
   used for software interchange; or,
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  <para>
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 </listitem>
</orderedlist>
  </para>
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</sect2>
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<title>Section 8
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<title>Section 9
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</appendix>

1.88 skopeo 0.1.26

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1.89 socat 1.7.3.2 :2.el7

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